ANNUAL ADMINISTRATION REPORT

OF THE

FOREST DEPARTMENT

OF THE

MADRAS PRESIDENCY

FOR THE

TWELVE MONTHS ENDING 30TH JUNE 1907.

(1906-1907.)

MADRAS:

PRINTED BY THE SUPERINTENDENT, GOVERNMENT PRESS

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REPORT

OF

FOREST ADMINISTRATION IN THE MADRAS PRESIDENCY

FOR THE TWELVE MONTHS ENDING 30TH JUNE 1907.

CHAPTER I.—CONSTITUTION OF STATE FORESTS.

1. Alteration in Area.

The following abstract from Form No. 44 shows the changes in areas of reserved forests and reserved lands in the three circles and in the Presidency as a whole during the year:—

—	Area on 1st July 1906.	Added during the year.	Excluded during the year.	Net increase or decrease.	Area on 30th June 1907.
Northern Circle.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Reserved forests	6,475	(a) 94	..	+ 94	6,569
Do. lands	(g) 352	(b) 13 (d) 1	(c) 94 (f) 1	− 81	(g) 271
Total ..	(g) 6,827	108	95	+ 13	(g) 6,840
Central Circle.					
Reserved forests	7,070	(a) 64	(d) 1 (e) 2	+ 61	7,131
Do. lands	180	(b) 21 (d) 2	(c) 64 (e) 1 (f) 5	− 47	133
Total ..	7,250	87	73	+ 14	7,264
Southern Circle.					
Reserved forests	(h) 4,743	(a) 98	..	+ 98	(h) 4,841
Do. lands	(i) 765	(b) 15 (d) 3	(c) 98 (f) 10	− 90	(i) 675
Total ..	5,508	116	108	+ 8	5,516
Whole Presidency.					
Reserved forests	18,288	(a) 256	(e) 2 (d) 1	+ 253	18,541
Do. lands	1,297	(b) 49 (d) 6	(c) 256 (f) 16 (e) 1	− 218	1,079
Total ..	19,585	311	276	+ 35	19,620

(a) Transferred from reserved lands.
(b) Newly constituted reserved lands.
(c) Transferred to reserved forests.
(d) Rectification of area.
(e) Disafforested or abandoned.
(f) Excluded at settlement.
(g) Includes 63 square miles of leased forests in Bellary.
(h) Includes 24 square miles of leased forests in South Coimbatore.
(i) Includes 95 square miles of leased forests, 76 in the Nilgiris and 19 in South Malabar.

2. Excluding 606 square miles of reserved lands under special rules in Vizagapatam Agency the total area under the control of the Forest Department is thus 19,620 square miles. Although, excluding zamindary, whole inam villages and minor inams in ryotwari tracts, it amounts to 22·53 per cent., yet of the Presidency as a whole it is less than 14 per cent., which considering the vast requirements of forest produce, as well as the important and climatic influences, is considerably less than it should be, albeit the proportion is larger than in many other Provinces.

Reserved Forests.

Two hundred and fifty-six square miles were newly constituted reserved forests during the year, one square mile was found less on a more correct computation of the areas notified in previous years, and an extent of 2 square miles was disafforested in Nellore; there was thus a net addition of 253 square miles during the year and the total area of reserved forests amounted to 18,541 square miles at the end of the year, which includes 24 square miles of leased forest in South Coimbatore.

Reserved Lands.

The total area of reserved lands at the end of the year including 49 square miles newly added during the year and 6 square miles on account of revision of area was 1,079 square miles, of which 659 square miles were lands notified under section 4 and the remaining 420 square miles were lands reserved under the rules framed under section 26 of the Forest Act. The decrease of 273 square miles is due to the transfer of 256 square miles to reserved forests, and to the abandonment of 17 square miles excluded at settlement or abandoned for cultivation purposes. The 420 square miles include 158 square miles of leased forests in Bellary, Nilgiris and South Malabar, but 606 square miles shown as reserved lands in the returns of the Vizagapatam district are excluded from the figures altogether. These are reserved lands in the Palkonda and Golgonda Agency Tracts on quite a different footing to ordinary reserved lands.

2. Forest Settlement.

3. Adding to the 81 blocks with an area of 919 square miles remaining at the commencement of the year, the new selections, comprising 28 blocks with an area measuring 11 square miles, produces a sum of 109 blocks covering 932 square miles including 2 square miles under revision of area to be constituted reserved forests during the year. Of this 16 square miles * were excluded during settlement, portion of a block measuring 1 square mile was abandoned, and 49 blocks covering 256 square miles were constituted reserved forests during the year, leaving a balance of 60 blocks with an area of 659 square miles at the close of the year. Of these 1 block measuring less than 1 square mile was notified under section 16 during 1906–1907, its reservation taking effect only after the close of the year, 7 blocks covering 166 square miles are settled and reported on, whilst 22 extending over 474 square miles are entered as settled but not reported on, leaving 30 blocks of 19 square miles to be settled. As there are now no Special Forest Settlement-officers all these blocks will be settled by Revenue Divisional-officers.

The cost incurred during the year, excluding that of the Special Forest Settlement establishment entertained by the Board of Revenue and including the pay of a Special Forest Settlement-officer in South Canara for six months and also compensation for private lands within the reserve, amounted to Rs. 6,809.

Besides 19 square miles abovementioned, 196 square miles of reserved lands, in Vizagapatam (19), Bellary (3), Trichinopoly (2), South Canara (162) and North Coimbatore (10) and 103 square miles of unreserved lands, in Anantapur (80), South Salem (18), and Trichinopoly (5), or a total of 318 square miles remained to be brought under settlement at the close of the year.

3. Demarcation.

4. Four hundred and twenty-four miles of boundary lines were demarcated at a cost of Rs. 9,884 against 608 miles costing Rs. 10,851 in the previous year. The

* 16 deducting 1 square mile found in excess.

shorter outturn is due to the work in the several districts approaching completion. The average cost per mile for the Presidency was Rs. 23-5-0 against Rs. 17-13-6 in the previous year. The increased rate is chiefly due (1) to the demarcation of Pondakol reserve in Ganjám, one of the most unhealthy tracts in the Presidency, (2) to the fencing of compartments and coupes in Anantapur, and (3) to the adoption of stone slabs as boundary marks in Kurnool East, Bellary and Madura. There remained at the close of the year 889 miles still to be demarcated, 34,871 miles having been demarcated up to date. The system of demarcation adopted was, as usual, clearing lines and constructing cairns or planting stone slabs. A total length of 9,298 miles was recleared at a cost of Rs. 14,367 against 5,981 miles at a cost of Rs. 21,631 in the previous year. A length of 5,525 miles was recleared free of cost by the forest subordinates against 6,341 miles in the previous year.

(4) FOREST SURVEYS.

(a) *By Survey of India Party.*

5. During the year No. 19 Party continued the survey operations under the control of Mr. G. T. Hall, extra Deputy Superintendent, 1st grade, Lieutenant-Colonel W. J. Bythell, R.E., Superintendent, 2nd grade, and Captain F. F. Hunter, I.A., Officiating Deputy Superintendent, 2nd grade. The party was employed on the advance triangulation in the Nilgiris, Malabar and Coimbatore districts; the traversing of 14 forest blocks in South Malabar, Trichinopoly and of two small blocks in Ganjám; detail forest surveys on 4-inch scale in Ganjám and Coimbatore; while the boundary of one reserve in Gódávari district was rectified; topographical surveys on the 2-inch scale in Malabar and Nilgiri districts; and revision survey on the 1-inch scale in Mysore State.

The outturn and cost of the operations are compared with those of the two previous years in the following statement:—

Description of survey.	Outturn.			Cost rate per mile.		
	1904–1905.	1905–1906.	1906–1907.	1904–1905.	1905–1906.	1906–1907.
				RS.	RS.	RS. A. P.
Triangulation, 4 inch	1,012	70	25·5	14	33	5 4 11
Do. 2 ,, ...	..	2,150	3,412	..	6	5 11 3
Traversing, 4 inch = 1 mile ..	29	174	311	31	28	13 12 6
Topography, 4 ,, = 1 ,, ..	750	832	374	124	104	91 7 3
Do. 2 ,, = 1 ,, ..	..	..	1,515	..	..	45 1 8
Do. (Revision) 1 inch = 1 mile.	..	..	45	..	..	4 6 9
Overlap, 2 inch = 1 mile	..	..	116·5	..	..	..

The actual expenditure of the survey year for 2-inch work was Rs. 87,768 as compared with Rs. 93,901 for 4-inch work, including cost of instruments, in the previous year and that for forest 4-inch work including 4 per cent. cost of instruments is Rs. 38,630.

The traversing of all boundaries remaining to complete the forest work was completed during the season, and included those remaining in South Malabar, Trichinopoly and Ganjám districts.

Owing to the demarcation not yet being completed and settled by the contending parties, the Mysore-South Canara boundary has not yet been traversed. The length remaining for survey is about 60 miles.

The total area surveyed for the Forest Department was—

	SQ. MILES.
In Ganjám	339·74
In Coimbatore	34·25
Total ...	373·99

The total area surveyed on 2-inch scale was 1,571·25 square miles including 116 square miles overlap.

In Coimbatore the work was divided between hills and plains, in the latter prickly-pear growth greatly impeded the surveyors.

In Ganjám the country surveyed was hilly, broken with many ravines, and covered with dense jungle.

The following is a statement of the progress of the mapping :—

District.	Previously surveyed.	Surveyed in 1906-1907.	Mapping previously partially completed.	Total.	To be submitted.	Remaining.	Remarks.
Ganjám 4″ = 1 mile.	10	(a) 39	14	53	24	29	(a) 8 Partially surveyed this and last years; 7 Pondakhol incompletely surveyed; 24 completely surveyed this year.
Coimbatore 4″ = 1 mile.	..	(a) 6	(b) 6	12	12	..	(a) Addition to old survey. (b) Boundaries to be inserted.
South Canara 4″ = 1 mile.	7	..	7	7	1	(a) 6	(a) 4 sheets for survey of omissions, 2 pending survey Mysore-South Canara boundary.
Gódávari 4″ = 1 mile.	7	..	7	7	(a) 7	..	(a) Submitted in August 1907.
Malabar Nilgiris 2″ = 1 mile.	(a) $\frac{3}{4}$	(b) 11	..	11	(c) 5	(d) 6	(a) Surveyed on 4″ scale and transferred to 2″ P.T. sections (b) 5 fully, 6 portions only, total 11 sheets = $6\frac{3}{4}$ full-surveyed sheets; (c) 2 sheets are published as one; one sheet consists of a very small area; (d) 6 remaining sheets = $2\frac{3}{4}$ full sheets of survey, these are mapped in outline so far as surveyed.
Revision 1″ = 1 mile.	..	(a) 1	..	1	..	1	(a) Only $\frac{1}{8}$ sheet surveyed.
Total ..	..	..	..	91	49	42	

For forest work in Ganjám it was not only next to impossible to secure local labour, but the aborigines actually resisted the work of survey to such an extent that a police guard was necessary for the protection of the men at their work. The health of the party was on the whole fair, but the sections working in Coimbatore and Ganjám suffered from fever, and in Ganjám also from dysentery, especially in Pondakhol. The season's work in Ganjám and North Coimbatore was verified by the District Forest Officers.

(b) *By Departmental Survey.*

6. In Guntúr, a local surveyor was employed in surveying 202 miles, of which 138 miles were boundary survey and 64 miles of interior details, and in correcting a wrong reserve boundary. In Kurnool East, two surveyors were engaged on the Malakondapenta ghat road. In Kurnool West, the Surveyor-Draftsman surveyed and entered in reserve maps unsurveyed fields, and checked discrepancies in boundaries pointed out by the Kurnool resurvey party, and marked out coupes in the Yerramalai ranges. In Nellore 63·78 square miles of reserved forests were photozincographed during the year, bringing the total area to 512·35 square miles. In North Salem, two surveyors were engaged on the road from Andiappanur to Kambugudi and altering the Anaibiddahalla-Anchetty road trace, checked reserve boundaries and surveyed certain reserves by theodolite. In South Salem three surveyors were employed; one for surveying the coupes felled and to be felled in three ranges and the leased areas in reserves cultivated with special products and preparing road tracings; the second for surveying the blocks selected for reservation on the Kalrayan hills; the

third for surveying two of the reserves not surveyed by the Survey of India Party. The plan and field measurement books have been received and are being checked in the District Forest Office. In Trichinopoly, Madras Survey surveyed all the hill villages on the plateau of the Pachamalai hills. In South Canara, one block of three square miles was surveyed and mapped departmentally. In North Malabar, a ranger, placed on special duty, surveyed the Murmavoo-Kolvalli stream with a view to floating timber, and traced a road for a tram line in Chedleth range. In South Malabar, revised stock maps for two plantations were prepared by the District Forest-officer. In South Coimbatore, a temporary surveyor surveyed the cleared areas and outer boundaries of lands leased for coffee cultivation on the Anamalais; his field work was sent to the Revenue Survey Office for check and preparation of maps. Further work was stopped pending orders of Government on the matter. In Madura, Madras Survey surveyed the unauthorized cultivation in the reserved forests of the Tandigudi range.

CHAPTER II.—MANAGEMENT OF STATE FORESTS.

1. Regulation of Management.

(a) Preparation and Control of Regular Working-plans.

7. During the year working-plans for 602 square miles were sanctioned by the Board, and plans for 1,041 square miles were under preparation, compared with 110 square miles and 1,064 square miles, respectively, in the previous year. Besides this, at the request of the Collector, full notes for the remaining 808 square miles in Guntúr were compiled by the Conservator, but as the Acting District Forest-officer made no proper inspection of his reserves it was useless to send them on to be worked up into proper form for a working-plan. Similarly notes for 120 square miles in Gundlakamma range in East Kurnool have been prepared, and have since been sent to the Collector are now being worked out in detail on the ground. A reconnaissance report on sandal areas, 9 square miles in Morricheruvu range in the same division, was sent in by Mr. Rama Row, and returned with remarks by the Conservator for framing into a proper working-plan. These are not brought into Form 48 and are only referred to here to explain that the wishes of Government expressed in the returns of the last administration report, are being attended to. There were no special Working-plan officers during the year. Some of the District Forest-officers had no time to devote to this work owing to pressure of work in their current duties. An expenditure of Rs. 1,726 was incurred in connection with the work as against Rs. 1,518 in the previous year. The area for which working-plans have still to be prepared is estimated to be 8,913 square miles. The prescriptions of the working-plans were generally adhered to, except for minor deviations sanctioned by the authorities concerned. In the Northern Circle, the working-plan for the Agastinowgam plantation in Ganjám continued to be deviated from owing to the ravages of borer and root fungus. In the working-plan of the Surada and Buguda ranges, also, improvement fellings in the forests of both the ranges have by general consent been deferred until the forest becomes more fully stocked. The other provisions of the working-plan are being generally carried out, but depend on the prior selection and marking out separately of all the sâl blocks from the rest of the forest area, which is being effected and is nearing completion. In the Gódávari Lower there were constant changes of District Forest-officers, and Peddapur working-plan which was sanctioned in January 1907 was not put into force during the year. In Kistna, the working-plan for the Narsapur reserve became an impossibility owing to the damage caused by the cyclone of 1904 and the drought of 1906, and a revised plan has since been drawn up; similarly in Gopuvanipalem a change had to be made in the order of coupes. The Conservator found on his inspection that the spirit of the principles of the preliminary unsanctioned working-plans of Ellore range was not being acted up to; but this has now been rectified. In the Central Circle, owing to working being behind-hand, areas were less and coupe numbers different from those set down for the year in the working-plans in certain coupes in North Arcot, South Arcot, North Salem and South Salem. In the Southern Circle, in South Canara the arrangement of coupes in the sandalwood

fuel working circles in the Udipi range was deviated from, as the coupes allotted were found to be inaccessible. In North Malabar on account of large stock of timber that remained in hand, the coupes prescribed for the year in Begur and Chedleth were not felled, but only 79 acres of the last year's unworked coupe were felled during the year. In North Coimbatore, the provisions of the Talamalai range working-plan were, without sanction, held in abeyance on the plea that they were vague and unworkable, although they had passed through a whole rotation. In South Coimbatore in the provisions of working-plans for Méttupálaiyam, Bolampatti and Udamalpet working circles deviations have been made and coupes were located with reference to those felled in previous years.

The following plans are reported to require revision. The revision of the Mohiri Hill working-plans in Ganjám was accepted by the Board.

A revised working-plan for the Narsapur reserve in Kistna district was prepared and submitted to the Board; in the same district certain modifications in Kondapalle reserve working-plans require to be made, as experience shows that fellings ought not be conducted on the steep slopes, and a consequent revision of localities must be made. In North Coimbatore no progress was made on the revision of the sandalwood working-plans for Talamalai and Bhaváni ranges. Working-plan for Doddasampagai remained incomplete.

8. The following working-plans were under preparation during the year:—

Northern Circle.—In Vizagapatam, working-plans for 118·47 square miles were in progress. Working-plans for the Rajahmundry range in Gódávari Lower is still being modified before final submission for sanction

Central Circle.—The Kallakurchi working-plan in South Arcot referred to in the last year's report was again returned by the Conservator for further revision after close of the year. In Nellore, information was collected for the preparation of rough provisional working-plans for the forests in the Kanigiri and Udayagiri ranges.

Southern Circle.—In the Nilgiris a rough scheme for working the sandal in the Segur range is under preparation.

(*b*) *Preliminary Working-plans Reports.*

9. *Northern Circle.*—A preliminary plan for Polavaram range was still under preparation. The six plain reserves of the Ellore range covering an area of $33\frac{1}{2}$ square miles continued to be worked under tentative working-plans; these require revision in the light of experience gained, and together with the remaining reserves in the taluk are now being taken in hand; the major portion of the area, 189 square miles, was worked under the coupe system with a view to create demand and to secure statistics for the preparation of regular working-plans. The preliminary working-plan prepared for Kothapatam casuarina areas in Guntúr is merged in the proposals for the whole delta tract.

Central Circle.—Preliminary working-plans were under preparation in respect of certain working circles of Proddatur, Cuddapah and Ráyachóti ranges of North Cuddapah district. In Nellore, the Rapur range provisional working-plan, which was sanctioned for a year's trial, is being still continued as its revision depends on the orders of Government regarding the grazing policy to be pursued in future. The Javadis working-plan of South Arcot is still under tentative working. In Trichinopoly, reconnaissance reports for 151 square miles during the year and for 70 square miles since the close of the year submitted and approved by the Conservator, and those for 57 square miles are now being prepared. In Tanjore, reconnaissance reports for two reserves were submitted and approved by the Conservator.

Southern Circle.—In South Canara, a rough preliminary working-plan was prepared for some of the reserves included in the closed working circles and for some others not included in any of the working circles, but it was not approved. In the Nilgiris, a preliminary working-plan for the Mudumalai, Benne and Kumbarakolu forests was prepared by the District Forest-officer; it has been submitted to the Board, since the close of year. In North Coimbatore, a preliminary plan for fuel fellings in Sattyamangalam range was prepared.

(c) *Annual Plan of Operations.*

10. The annual plan of operations were generally adhered to except in the following instances:—

Northern Circle.—In Ganjám, the construction of a road from Berhampur to Mohiri Hills is still pending receipt of Board's sanction. Departmental supply of agricultural implements to villagers was not carried out as they demand green material which precludes stocking in depots. Construction of a rest-house at Rogada was delayed owing to difficulty in obtaining a suitable site and acquiring land. In Vizagapatam the construction of the rest-houses proposed to be built at Kommangy and Bummica was not taken up as the funds had to be utilized for roads required for transport of fuel. In Gódávari Lower, two cargo boats were not completed owing to late receipt of timber, and the road work in Polavaram and a well at Pidathamamidi were not completed. In Gódávari Upper, certain well works were not completed for want of skilled labour. In Kistna, two coupes were not worked for want of demand, and the felling proposed in the Bandar Fort extension block was given up as it had been illicitly exploited some years back. Repairs to the Tummalapalem canal were not undertaken as drift was found to be too great. One acre in Weld reserve could not be planted up as the plants raised departmentally were not large enough for transplanting. Permanent demarcation of Ellore reserves was postponed owing of supposed pending survey of the reserves by the India Survey Party. In Guntúr, the working of the sanctioned plan of operations was considerably retarded owing to the incompetency of the Acting District Forest-officer, with excuses later of want to adequate establishment, etc., although he made no official report, and proposals for improvement, at the time. In Kurnool East, owing to the opening of a large number of sale depots for timber and agricultural implements, a greater quantity of dead timber was collected. The Southern Mahratta Railway was supplied with 4,635 tons of fuel less than the contract quantity, due to the difficulty in securing carts and labour owing to the increasing distance from the coupes to the railway line, and inadequate water-supply at working site. None of the roads proposed were taken on hand owing to want of a competent man to trace, align them and prepare estimates. None of the building works proposed was taken up, as the funds had to be utilized for completing the unfinished works of previous years and some buildings were urgently required at Chenchu centres. The demarcation of Baddivid extension of and Kakerala tope was not taken up, the former for want of a hand to supervise the work and the latter on account of abandoning the proposal to reserve Kakerala tope. West Veligonda reserve was not specially fire-protected as Mr. Cox had deprecated taking up scattered and extensive areas. In Bellary, the roads proposed in Alur and Adóni ranges and the buildings in Kudligi and Harpanahalli ranges were not constructed for want of funds. Fire-protection operations in the Sandúr forests were carried out on a much greater scale than proposed.

Central Circle.—In East and North Cuddapah, sale depots were opened in certain places for the sale of timber, fuel and bamboos to the public. In Sidhout and Pullampet ranges bamboos were exploited departmentally. The departmental collection of minor forest produce in the Ráyachoti and Cuddapah ranges had to be abandoned owing to the staff being engaged with the heavier and more important work of departmental felling and to the realization of good prices at the auction sales of such produce. In South Cuddapah departmental collection of minor forest produce was not undertaken, but coupes were opened at convenient centres to meet the demand. In Nellore, one timber depot and two fuel depots were opened and the fuel depot at the Trevelyan's Basin, Madras, was revived. The proposed construction of a rest-house near the Kanigiri Veligondas was not taken up. Deviations took place in the programme of planting, felling, etc., in the casuarina plantations owing to the ravages of borer and fungus, in other working-plan areas for want of offers for coupes. Out of 30 coupes advertised for sale in auction in Chingleput only six were sold and 20 worked departmentally, and the remaining four left out for want of demand. In North Arcot, the construction of a few roads and buildings was postponed, either to provide funds for incomplete and more urgent works, or on account of the non-completion of proper estimates. There were also minor deviations in the departmental working of coupes. In South Arcot, owing to lack of staff departmental

working of sandalwood coupes and final demarcation of forests in Tiruvannámalai range could not be done and bamboos were leased out instead of being worked departmentally owing to the offer of satisfactory prices. The proposed construction of guards' and watchers' lines was given up in order to carry out incomplete works of last year. In North Salem, the construction of the ghat road from Anaibiddahulla to Anchetti was not undertaken as the estimates and plans submitted to Government have not yet been sanctioned, nor that of three other roads, as the surveyor was engaged in aligning the road from Andiappanur to Kambugudi and in carrying out certain deviations in the road trace from Anaibiddahulla to Anchetti. The construction of certain rest-houses and demarcation of certain reserves were not carried out, as the establishment was fully occupied in connection with departmental fellings. In South Salem, some of the proposed roads, bridle-paths and rest-houses were postponed for want of funds, and on account of paucity of subordinates to supervise the works. In Trichinopoly, fellings were not completely made in tanks, as they were filled with water, and the construction of a road was postponed for want of time owing to increased departmental operations. In Tanjore felling in two coupes was postponed, as the unfelled portions in the previous coupes were under working.

Southern Circle.—In South Canara, the felling in Tannirbhavi reserve casuarina coupe and collection of cardamoms and spotted canes were not executed departmentally, but given on contract as larger revenue was thereby expected; one firewood coupe in Puthur range was not felled for want of demand, and no guard's huts were constructed in the Uppinangadi range for want of funds. In North Malabar, as there was a large stock of timber on hand no fresh timber was felled or required, nor was there any carting and floating from either Kottiyur to Biliapatam, as the Kottiyur-Kalikayam road was not completed, nor from Kolvalli to Hampapur as no timber was ready. On the other hand more timber was carted into Mysore than anticipated owing to the Kaimaram-Antersanti road being opened. In South Malabar, the demarcation of the Silent Valley was postponed as settlement was not finished; the construction of serambis was deferred in favour of the more urgent work of supplying the Madras Railway with sleepers, to complete and close this unsatisfactory contract. In the Nilgiris, timber felled in Mudumalai range was not carted to Nanjangode owing to unprofitably high transport charges. In North Coimbatore, no timber was felled in Kollegal range from want of demand; the experimental felling of *Hardwickia binata* was postponed; fuel operations were carried on extensively to supply town depots. In Erode range a reserve was cleared before leasing it to a Ceylon Fibre Company; only a small sum was spent in repairing the Gundila valley road, and the proposed development in fire protection was not carried out. In South Coimbatore, several less urgent works were postponed in order to supply fuel and charcoal in town depots, etc. In Madura, owing to the refusal of the South Indian Railway to take fuel, departmental supply was less than anticipated, and owing to delay in the acquisition of lands road works were not fully carried out. In Tinnevelly, fuel coupes in Karuppuswamikoil working circle were worked departmentally for want of proper bids; certain road works were not carried out for want of establishment to supervise them, and the construction of a rest-house was postponed pending the preparation of a working plan.

2. Communication and Buildings.

11. The following figures show the outlay on communications and buildings during the year under report as compared with those of the previous year:—

	1905–1906.	1906–1907.
	RS.	RS.
Roads and bridges	47,857	59,512
Buildings	88,534	91,585
Other works	8,407	9,071

The increase is noticeable under all the above three items. It must be remarked that now that expenditure on demarcation and settlement has nearly ceased, for several years to come expenditure must increase on these capital works in order to open out, for transport of material, hitherto locked up forest areas, and in order to effectually protect the interior parts of the forests. The increase under "Roads and Bridges" is

distributed mainly over Vizagapatam, Gódávari Upper, Kurnool East, Anantapur, South Coimbatore, and Madura; and under "Buildings," over Ganjám, Vizagapatam, Kurnool East, Bellary, Anantapur, South Salem, and North Coimbatore; and under "Other Works," over Gódávari Upper, Kurnool East, and South Coimbatore.

(a) *Roads and Bridges.*

The important works of a permanent nature carried out in the Northern Circle were:—Construction of Gullipad-Venkatapuram road in Vizagapatam; Jaddangi-Bánadapalli road in Gódávari Lower; from Pulusumamidi to meet the Local Fund road in Gódávari Upper; a road for export of fuel in Sandúr leased forests in Bellary.

Central Circle.—Metalling of the Allikuli-Ramanjeri road (1 mile) in Chingleput; construction of a road (4½ miles) connecting the Satghur-Synagunta forest road and the Gudiyáttam-Palmanér road in North Arcot; a road from Atur to the foot of the Periakalroyans, and extension of Kurumbapatti road for 3 miles towards the Kurumbapatti village in South Salem.

Southern Circle.—A road to Narimogar Working Circle in Puttur range in South Canara; part construction of 7½ miles of Kottiyur-Kalikayam road in North Malabar; reconstruction of the Kurulai bridge in South Malabar; a portion of the Pápanasam ghât road in Tinnevelly.

Besides the above, temporary tracks were constructed in most districts chiefly to facilitate carting of produce.

Tramways, etc.—The monorail in Gódávari Lower continued to work; and, as in previous years, tramways carried wood in some portions of the districts of Nellore and South Coimbatore. The results of the operations are recorded in Form No. 65. In Gódávari Lower 1,940 tons were carried, or 1,903½ ton-miles were run against 1,232 tons, or 1,192 ton-miles, in the previous year. The results of the working show a net profit of Rs. 970 since its introduction. In Nellore in Sríharikóta range 6,285 tons were trammed, or 28,282½ ton-miles, were run against 6,425 tons, or 28,912½ ton-miles in the previous year; in the Coast Range 14,450 tons, or 34,891½ ton-miles, against 9,156 tons, or 13,212½ ton-miles, during the previous year. The decrease in the former range was trifling. The increase in the latter range was due to the clearing of a large area in casuarina plantations in order to arrest mortality. Rupees 874 was spent in the purchase and repairs of miscellaneous tram materials. In South Coimbatore, the total quantity of timber trammed during the year was 62,689 cubic feet, or 7,347 ton-miles, against 1,612 tons, or 7,660 ton-miles, in the previous year, of which 24,741 cubic feet were carried by hired bulls and 37,948 cubic feet by Government bulls. The decrease is due to all logs felled previous to 1905–1906 having been trammed in the previous year. A line for a new timber slide was selected: the project is under investigation. The result of working by tramway show, as in previous years, profit in Nellore and loss in South Coimbatore.

(b) *Buildings.*

The important works of a permanent nature undertaken in the Northern Circle were:—Construction of rest-houses at Nuvapalli and Panchabuti and outhouses at Hattiguda, Jagannadhaprasad and Tamana in Ganjám; the rebuilding of the Regupalem bungalow in Vizagapatam; Chedur Revenue Station in Gódávari Lower; purchase of two bungalows at Pedakonda in Gódávari Upper; completion of the bungalow on the top of the Tunnel hill, and five depot buildings in Kurnool East; construction of range houses at Ernipad and Atmakúr, two sets of subordinates quarters at Honkaram, Range office at Atmakúru, and Deputy Ranger's quarters at Bairluti in Kurnool West; one bungalow at Chippagiri, and another at Ráyachóti, in Bellary; part construction of a bungalow at Dokkalakonda, and Range office at Kalyandrug, and four depot buildings, in Anantapur.

Central Circle.—Rest-houses at Sanipaya and Mudampad, in North Cuddapah; completion of Somasila rest-house in Nellore, construction of a rest-house at Anchetty in North Salem; rest-houses at Chittiri and Nangavalli, and part construction of a rest-house at Panamadal, and an inspection shed at Pakkanad, in South Salem.

Southern Circle.—Part construction of a serambi at Kottiyur in North Malabar; three serambis in the Silent Valley and part construction of the Range office and quarters for the Mannarghat range, in South Malabar; a bungalow at Kodanad in the Nilgiris; a rest-house at Girgagundi, and part construction of a rest-house at Onnaithittoo and Range office and quarters at Cowdalli, in North Coimbatore; a rest-house at Sendurai in Madura; and completion of Sengalteri bungalow in Tinnevelly.

In addition to the above several minor works of a permanent nature, such as fuel depots, inspection sheds, forest guard's lines, etc., and temporary structures for storing produce and housing establishment, were also constructed during the year.

(c) *Miscellaneous Works.*

The chief works done were the construction or deepening of wells to improve the water-supply, fences of buildings and construction of compound walls.

3. Protection of Forests.

(a) *General Protection.*

12. The following statement shows the number and classification of forest offences brought to light during the year:—

Circles.	Cases taken into Court.				Cases compounded.				Cases undetected.				Total cases.				Grand total of cases.
	Injury to forests by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Injury to forests by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Injury to forests by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Injury to forests by fire.	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Northern ..	25	1,074	459	76	8	2,059	1,779	234	117	129	31	21	150	3,262	2,269	331	6,012
Central ..	10	1,645	700	113	2	5,363	3,263	173	254	259	94	9	266	7,267	4,057	295	11,885
Southern ..	19	659	292	157	16	2,050	1,148	561	119	25	192	6	154	2,734	1,632	724	*5,244
Total ..	54	3,378	1,451	346	26	9,472	6,190	968	490	413	317	36	570	13,263	7,958	1,350	23,141
Total for 1905-1906.	73	4,083	1,880	472	21	8,915	5,474	676	562	456	358	51	656	13,454	7,712	1,199	23,021

* Exclusive of 167 petty offences, the offenders concerned in which were left off with a warning.

The total number of new cases was 23,141. The number of cases reported was higher by 444 than the average of the three previous years. The increase occurred mainly under "grazing" distributed chiefly over Guntúr, Bellary, Madura and Tinnevelly It was stated to be due (1) to better protection and careful supervision in Guntúr, (2) to the closing of larger areas to grazing than in the previous years in Bellary, (3) to the strict enforcement of the rules in Madura, and (4) to the deliberate breaking of the law in Tinnevelly. Under "other offences," there was an increase of 114 cases over the average of the three previous years. Under "unauthorized felling" there was a fall of 220 cases. There were 1,256 undetected cases against 1,427 in the previous year. The decrease occurred chiefly in Gódávari Lower under "Injury to forests by fire" due to timely rains having fallen in May and to the people learning that Government attach importance to fire protection.

The number of cases pending at the beginning of the year was 4,103 and at the close 4,301, of which 1,209 were with Magistrates.

13. The following statement shows the result of cases brought to trial :—

Circles.	1905–1906.		1906–1907.		Percentage of failure.	
	Convictions.	Acquittals.	Convictions.	Acquittals.	1905–1906.	1906–1907.
Northern	1,256	198	1,179	185	13·61	13·56
Central	3,196	329	2,444	382	9·33	13·52
Southern	1,010	137	877	150	11·94	14·60
Total ..	5,462	664	4,500	717	10·83	13·74

Besides the 5,217 cases shown above, 677 cases were withdrawn under the orders of the District Forest-officers. The percentage of convictions obtained is 86·26 against 89·17 in the preceding year. This shows most deplcrable retrogression, which is probably due in many cases, but not always, to the frequent changes necessitated by officers having to go on leave from sickness, etc. *Upper Gódávari* and *North Malabar* with a percentage of 60 and 44·4 per cent. of acquittals are exceptionally bad, and it might be reasonably expected that, as there were so few (5 and 9 respectively) cases, nothing doubtful should have been taken into Court ; in the following districts also the results were very bad :—*North Cuddapah* (32·2), *South Cuddapah* (28·2), *Madura* (27·1), *Guntúr* (23·9), *Chingleput* (23·5), *Trichinopoly* (22·0), *Tinnevelly* (20·9) and *South Salem* (20·2), and bad in *West Kurnool* (17·7), *North Salem* (14·9), *North Coimbatore* (14·6), *East Kurnool*, *Kistna* and *Nilgiris* (13·6), *Ganjám* (13·4) and *South Canara* (12·1), whilst those of *East Cuddapah* (2·4) and South Malabar, with no acquittals at all, were excellent.

14. The following statement compares the number of cases compounded and the compensation fees realized with the figures of the previous year :—

Circles.	1905–1906.		1906–1907.	
	Number of cases.	Amount recovered.	Number of cases.	Amount recovered.
		RS.		RS.
Northern	2,586	30,437	3,579	38,423
Central	8,205	64,962	7,814	72,590
Southern	2,497	21,459	3,117	28,015
Total ..	13,288	1,16,858	14,510	1,39,028

The number of cases compounded was higher than in the previous year by 1,222 and the amount realized on account of compounding fees also exceeded that of the previous year by Rs. 22,170, due to the increase in the number of offences compounded and to somewhat heavier compounding fees imposed chiefly in Guntúr, Kurnool West, Cuddapah East and in South Arcot, and mostly in grazing cases. With such a heavy percentage of acquittals of cases taken into Court in Guntúr, the increased number of compounded cases gives occasion for alarm ; whilst with the exceedingly small percentage of acquittals in East Cuddapah the increased composition appears perfectly justified. In certain cases in Cuddapah East the District Magistrate considers the compounding fees too high and has drawn the attention of the District Forest-officer to the fact. In Salem South, on investigation after one accused had refused to compound, it was found to be a case of concoction and the subordinates were dismissed.

15. The punishments inflicted by Magistrates were on the whole satisfactory except (1) in South Canara where due notice has now been taken by the District Magistrate, (2) in Guntúr a Sub-Magistrate gave far too heavy a sentence which was reduced on appeal by the Divisional Magistrate, and (3) in Tinnevelly Sub-Magistrates do not award sufficiently deterrent penalties. Some of the more important cases that occurred are referred to below :—

In Salem North, two cases of illicit removals of sandalwood were prosecuted and both ended in convictions. In one case, of the seven accused, two were fined Rs. 100 each, in default to undergo 15 days' rigorous imprisonment, three were sentenced each

to two months' rigorous imprisonment and the remaining two were acquitted. In the other case the accused, two in number were fined Rs. 100 each. in default to undergo rigorous imprisonment for 15 days each. In Salem South, there were seventeen cases of theft of sandalwood from, or near, the Kollimalais, of which convictions were obtained in seven cases while one case is pending.

16. Rewards to informers, as usual, were sparingly granted. In Kurnool West, a forest taliari and a tanadar were each paid Rs. 2 for good work in two forest cases. In Anantapur, rewards were disbursed to informers by the Abkári department, but Rs. 52-8-0 were paid by this department. In Salem South, rewards were sanctioned for detecting two cases of sandalwood theft and one of illicit felling of teakwood ; payment was made in two cases ; the reward was withheld in another case for further enquiry to see that the informer had acted properly throughout. In Chingleput, a reward of Rs. 20 was sanctioned by the Collector and paid to an individual for detecting a case of illicit quarrying of shells in poramboke lands in which a compensation of Rs. 120 was levied and collected from the accused. In South Canara, rewards (Rs. 30) were granted to informers in two cases.

(b) *Protection from fire.*

17. The system of fire protection in all districts except the three divisions of Cuddapah was the same as that adopted in the previous years, *i.e.*, fire tracing of the boundaries, internal fire line clearing, and the appointment of fire patrols to keep the lines clear and to be on the look out for fires, except in so far that in some districts the narrow lines hitherto adopted were found useless, and much broader lines are now being made.

In Cuddapah North, East and South the special system (introduced last year), of burning a large area of the forest in strips of varying width in order to secure protection of the remainder and with a view to providing fresh grass on the area burnt, was continued and the results are reported to be satisfactory. From the reports of the Collectors in the different districts it appears that the only district besides Cuddapah in which "Reserved Forests are ordinarily burnt by graziers and which are not and cannot otherwise be successfully protected from fire with the establishment now at the disposal of the department," is Kurnool; with the four extra ranges recently sanctioned in Kurnool, for which Rangers will be appointed when the next batch of men comes down from Dehra Dun, and the Temporary Deputy Rangers sanctioned by the Board, this establishment here will also be adequate to cope with fires in the ensuing hot season. Estimates however have been received for burning large areas round the pentas, and it may be remarked that the cost of this burning is slightly greater per square mile than an elaborate system of fire lines, and the actual burning requires just as much in the way of establishments as does ordinary fire protection ; owing to the greater part of the establishments being incapacitated by fever at the end of the last cold weather, that being the season when fever is most prevalent, and last year being worse in this respect than has been known for many years, it was impossible to undertake anything in the way of this novel and exceedingly risky method of fire protection, which has all the danger of ordinary protection with none of its safeguards.

The area of which protection was attempted amounted as shown in Form No. 51 to 7,357 square miles against 7,208 square miles in the previous year. Of these 6,825 square miles were successfully protected against 6,772 square miles in the previous year. The proportion of failures rose from 6·0 per cent. in the preceding year to 7·2 per cent. chiefly due to incendiarism and abnormal season in several districts. The proportion of failures in specially protected areas was also high, being 13·3 per cent. against 5·5 per cent. in the previous year, due to the lamentable failures in the Northern Circle where no less than 40·2 per cent. was burnt as compared with 1·5 and 7·5 per cent. respectively in the Central and Southern Circles. The cost per square mile successfully protected was Rs. 10-0-3 against Rs. 9-0-6 in the previous year, and the enhanced cost is due to the failure in the Northern Circle.

18. The following statement shows the number and origin of the fires in the several districts.

Division or Circle.	A. Fires caused by accident or through carelessness in burning fire lines.		B. Fires entering the forests by crossing exterior fire traces.		C. Fires beginning inside the reserves or fire-traced areas. Owing to carelessness or accident. By workmen employed in the forests, by purchasers of forest produce, and by hay-cutters.		By villagers, travellers, etc., passing through the forests.		By railway engines.		By lightning or by fire-balloons.	
	Number of fires.	Area in acres.	Number of fires.	Area in acres.	Number of fires.	Area in acres.	Number of fires.	Area in acres.	Number of fires.	Area in acres.	Number of fires.	Area in acres.
1	2	3	4	5	6	7	8	9	10	11	12	13
Northern Circle.												
Ganjám	10	74	2	2	4	112	7	43	..	..	..	..
Vizagapatam	..	..	..	..	1	4	..	..	..	..	..	..
Gódávari, Lower	5	886	..	..	1	2	5	527	..	..	..	..
Do. Upper	5	1,083	2	500	1	640	2	102	..	..	..	..
Kistna	..	..	..	..	..	..	1	..	..	..	..	..
Guntúr	..	..	..	..	1	..	2	15,190	..	..	..	..
Kurnool, East	5	8,183	8	8,700	1	50	..	..	9	9,556	..	..
Do. West	1	1,200	..	..	..	..	..	..	..	..	..	..
Bellary	50	24,518	5	2,560	..	..	3	1,551	..	..	..	..
Anantapur	6	498	1	10	..	..	..	..	..	..	..	..
Total, Northern Circle ..	82	36,442	18	11,772	9	808	20	17,413	9	9,556	..	..
Central Circle.												
Cuddapah, North	..	..	14	10,728	..	..	..	..	..	..	..	..
Do. East	..	..	43	13,921	3	3,201	3	262	1	480	..	..
Do. South	..	..	..	..	..	..	1	4,560	..	..	..	..
Nellore	..	..	2	24	..	..	2	.	..	..	..	..
Chingleput	1	34	..	..	..	..	..	..	..	..	..	..
North Arcot	3	1,233	18	3,694	2	90	6	803	1	20	4	20
South do.	2	5	..	..	1	1	..	..	..	..	..	..
North Salem	1	10	..	..	..	..	1	2	..	..	..	..
South do.	3	190	..	..	..	..	12	761	..	..	..	..
Trichinopoly	..	..	..	..	..	..	..	..	..	..	..	..
Tanjore	..	..	..	..	..	..	..	..	..	..	..	..
Total, Central Circle ..	10	1,472	77	28,367	6	3,292	25	6,388	2	500	4	20
Southern Circle.												
South Canara	5	20	4	70	..	..	25	207	..	..	..	..
North Malabar	2	900	2	700	..	..	..	..	..	..	..	..
South do.	..	..	..	..	1	8	..	..	..	..	..	..
The Nilgiris	..	..	..	..	..	..	..	..	..	..	..	..
North Coimbatore ..	1	90	..	..	..	..	3	363	..	..	..	..
South do. ..	..	..	..	..	..	..	3	304	..	..	..	..
Madura	..	..	..	..	3	220	2	200	..	..	..	..
Tinnevelly	1	200	9	1,637	4	91	1	..	..	..	5	263
Total, Southern Circle ..	9	1,210	15	2,407	8	319	34	1,074	..	..	5	263
Total, Presidency ..	101	39,124	110	42,546	23	4,419	79	24,875	11	10,056	9	283
Total for 1905-1906 ..	73	19,810	112	46,405	18	11,770	134	25,577	2	8	1	50

Division or Circle.	C. Fires beginning inside the reserves or fire-traced areas—*cont.*											
	By intentional firing.								Causes unknown.		Total of A, B and C.	
	In order to obtain new grass.		In order to turn out game or to reduce cover.		Maliciously fired.		Total.					
	Number of fires.	Area in acres.	Number of fires.	Area in acres.	Number of fires.	Area in acres.	Number of fires.	Area in acres.	Number of fires.	Area in acres.	Number of fires.	Area in acres.
	14	15	16	17	18	19	20	21	22	23	24	25
Northern Circle.												
Ganjám	2	14	..	..	..	..	13	169	3	6	28	251
Vizagapatam	..	..	..	..	..	..	1	4	3	13	4	17
Gódávari, Lower	..	..	..	..	..	..	6	529	..	..	11	1,415
Do. Upper	..	..	..	..	..	..	3	742	1	13	11	2,338
Kistna	..	..	..	..	..	..	1	..	..	..	1	(*a*)
Guntúr	..	..	..	..	3	2	6	15,192	4	22	10	15,214
Kurnool, East	..	..	..	..	..	..	10	9,606	5	19,012	28	45,501
Do. West	..	..	2	1,503	3	1	5	1,504	..	..	6	2,704
Bellary	3	980	..	..	..	..	6	2,531	..	..	61	29,609
Anantapur	11	7,116	..	..	1	10	12	7,126	..	..	19	7,634
Total, Northern Circle ..	16	8,110	2	1,503	7	13	63	37,403	16	19,066	179	104,683
Central Circle.												
Cuddapah, North	..	..	..	..	..	..	..	..	20	8,257	34	18,985
Do. East	137	89,869	..	..	..	..	144	93,812	26	12,077	213	119,810
Do. South	2	340	2	972	..	..	5	5,872	9	1,541	14	7,413
Nellore	..	..	..	..	..	..	2	..	..	..	4	24
Chingleput	..	..	..	..	..	..	..	..	4	427	5	461
North Arcot	63	4,397	..	..	8	1,866	84	7,196	33	6,828	138	18,951
South do.	4	137	..	..	2	6	7	144	13	344	22	493
North Salem	..	..	..	..	1	30	2	32	10	252	13	294
South do.	3	505	..	..	5	353	20	1,619	71	4,558	94	6,367
Trichinopoly	..	..	..	..	..	..	..	..	3	30	3	30
Tanjore	..	..	..	.	..	..	..	..	..	..	..	..
Total, Central Circle ..	209	95,248	2	972	16	2,255	264	1,08,675	189	34,314	540	172,828
Southern Circle.												
South Canara	2	80	4	58	5	324	36	669	5	176	50	935
North Malabar	..	..	..	..	..	..	..	..	..	..	4	1,600
South do.	..	..	..	..	..	..	1	8	..	..	1	8
The Nilgiris	..	..	..	..	..	..	..	..	..	..	..	..
North Coimbatore ..	..	..	..	..	2	28	5	391	2	1	8	482
South do. ..	1	1	1	10			5	315	..	.	5	315
Madura	..	..	2	350	3	125	10	895	19	2,473	29	3,368
Tinnevelly	18	11,772	3	578	4	349	35	13,053	7	488	52	15,378
Total, Southern Circle ..	21	11,853	10	996	14	826	92	15,331	33	3,138	149	22,086
Total, Presidency ..	246	115,211	14	3,471	37	3,094	419	161,409	238	56,518	868	299,597
Total for 1905-1906 ..	195	56,434	23	15,601	116	21,423	489	130,863	490	250,585	1,164	447,663

(*a*) Less than one acre.

The total number of fires and the area burnt were less than in the previous year, partly due to favourable season and partly to better supervision, under almost all the heads except under fires "caused by accident" or "through carelessness in burning fire lines," under "fires by Railway engines" and under "fires caused to obtain new grass." The decrease occurred chiefly under head "causes unknown" in Ganjám, Kistna and North Coimbatore, and under head "maliciously fired" in North Arcot, South Canara, North Coimbatore and Tinnevelly, and under head "by villagers, travellers, etc., passing through the forests" in South Canara. The decrease in South Canara is due to the care exercised by wayfarers along the admitted rights of way in reserved forests in consequence of the warning notice published in the District Gazette. There was also decrease in the number of fires caused in order to turn out game, and the area burnt occurred mainly in Kurnool West.

The increase under fires caused "by accident" or "through carelessness in burning fire lines" was to some extent in Bellary in the Sandúr leased forests due to the lethargy of the subordinates and to the narrowness of the fire lines which do not stop fires, a defect now about to be remedied, but chiefly in Kurnool East through the gross carelessness of a forest guard who is now under suspension. In Kurnool East, there were nine fires from sparks from the Southern Mahratta Railway engines which burnt 9,556 acres in the Railway Working Circle range. This is extremely unsatisfactory; as, although he was aware in November that the heavy rain there occurring was bound to keep the grass on the lines green till very late in the season and until burning the lines became a source of intense danger to the rest of the forest, the District Forest-officer took no steps whatever to overcome this difficulty as he might have done by cutting, early in the season, very broad guide lines and beating down the grass between them in order to make it dry quicker. Moreover the lines along the railway should have been, according to the sanctioned arrangement, absolutely cleared of all vegetation of all description and kept permanently clear, and no steps were taken even to start this work although there was a large lapse of funds in the district. A large area in Cuddapah east was burnt by graziers to obtain fresh grass; as a punishment therefore an area of 7,000 acres was closed to grazing, and penning was prohibited in three pentas. The Kurnool West Nallamalais were practically all burnt over again by Chenchus—probably the work of some who left the plantation works in the crop-season, and the work consequently being stopped could not immediately be taken up again when the crop-season was over.

In the Northern and Southern Circles, circulars have been issued to District Forest-officers to make experiments ordered in Board's Proceedings, Forest No. 44, dated 9th March 1907, to test the effect of firing and not firing on the quality of the grass; and in the Northern Circle a reminder was sent in September 1907, as Bellary was the only district in which any progress was recorded. In the Central Circle, a circular was sent after receipt of Board's Proceedings, Forest No. 184, dated 27th August 1906. Two experimental blocks 200 and 30 acres respectively in *Nellore* were departmentally burnt and the result is being watched. In *South Salem*, an experimental area of 10 acres in Nochikuttai reserve was demarcated and half of it was burnt and half protected. Except the issue of orders in *North Arcot* and *South Arcot*, no further action appears to have been taken in any district.

(c) *Protection from Cattle.*

19. The areas open and closed to grazing in each district are shown in Form No. 52 and the number and kind of animals grazed free or on payment of fees in the reserved forests and lands are noted in Form No. 53. The area closed to all animals during the whole year was 1,947 square miles against 1,503 square miles in the preceding year and that for a portion of the year 28 square miles against 38 square miles in 1905–1906. The percentages of forests open to grazing and browsing to the whole area are 86 per cent. and 3·66 per cent. respectively. As an exceptional case, in Guntúr district a closed portion of the Kondavid reserve amounting to 6·71 square miles was thrown open for grazing for about three months during the year.

Goats were excluded from the reserves in all the districts except Kistna, Guntúr, Bellary and Anantapur in the Northern Circle, Cuddapah (North, East and South), Nellore, Chingleput, North Arcot and Salem North in the Central Circle and South

Malabar and Madura in the Southern Circle. In Chingleput, goat-browsing was permitted only in the Royal Artillery Range (320 acres) of the Kolathur reserve to keep down the growth; and in South Malabar only in the Panakadam reserve (about two square miles), and in the latter there was no demand at all. The fall in percentage is due to the closing against grazing of the areas felled for timber and firewood in South Canara. In Anantapur the free removal of grass from reserves was largely availed of, and the value of the grass removed was estimated to be Rs. 4,654 approximately.

20. The following statement gives an analysis of the cattle impounded during this and the previous year with the average of the three years preceding:—

Districts.	From open forests.		From closed forests.				Total.		Average for three years ending 1905–1906.
			Holding permits for open forests.	Having no permits.	Holding permits for open forests.	Having no permits.			
	1905–1906.	1906–1907.	1905–1906.	1905–1906.	1906–1907.	1906–1907.	1905–1906.	1906–1907.	
Northern Circle.									
Ganjám ..	365	716	..	1,425	..	1,969	1,790	2,685	2,179
Vizagapatam ..	3,507	692	..	283	..	2,206	3,790	2,898	3,278
Gódávari, Lower.	578	154	..	51	51	15	629	220	1,171
Do. Upper.	282	620	..	..	..	..	282	620	
Kistna ..	3,499	2,070	..	2,572	196	1,656	6,071	3,922	4,946
Guntúr ..	6,983	10,486	2,386	4,094	3,985	4,457	13,463	18,928	13,403
Kurnool, East ..	14,323	10,503	..	618	..	314	14,941	10,817	14,991
Do. West ..	24,593	9,009	..	519	..	1,539	25,112	10,548	17,830
Bellary ..	11,776	17,113	..	72	454	80	11,848	17,647	13,959
Anantapur ..	8,570	9,982	200	1,070	..	1,154	9,840	11,136	10,335
Total, Northern Circle ..	74,476	61,345	2,586	10,704	4,686	13,390	87,766	79,421	82,112
Central Circle.									
Cuddapah, North.	7,900	2,133	..	4,207	..	1,932	12,107	3,525	14,245
Do. East		2,704	..		..	433		3,137	
Do. South.		1,395	..		..	1,250		2,645	
Nellore ..	9,796	6,942	824	9,340	1,916	5,387	19,960	14,245	19,979
Chingleput ..	8,207	2,950	881	285	..	455	9,373	3,405	6,118
North Arcot ..	17,994	14,480	619	9,179	876	4,165	27,792	19,521	23,599
South do. ..	16,035	21,312	213	310	30	411	16,558	21,753	20,205
North Salem ..	5,984	4,269	257	2,532	401	1,677	8,773	6,347	7,084
South do. ..	6,719	5,798	73	1,982	36	1,108	8,774	6,942	7,873
Trichinopoly ..	5,090	6,187	..	962	16	1,554	6,052	7,757	6,014
Tanjore ..	573	563	..	..	429	333	573	1,325	727
Total, Central Circle ..	78,298	68,733	2,867	28,797	3,704	18,165	109,962	90,602	105,844
Southern Circle.									
South Canara ..	1,188	1,621	..	268	..	79	1,456	1,700	1,535
North Malabar ..	53	143	..	..	..	2	53	145	122
South do. ..	..	..	..	105	..	101	105	101	81
The Nilgiris ..	859	747	234	15	303	..	1,108	1,050	901
North Coimbatore	5,847	3,257	..	2,573	..	934	8,420	4,191	7,167
South do.	1,619	1,115	..	210	..	1,662	1,829	2,777	2,314
Madura ..	9,192	12,430	..	6,543	..	6,608	15,735	19,038	16,292
Tinnevelly ..	1,543	2,399	164	2,655	61	3,193	4,362	5,653	4,897
Total, Southern Circle	20,301	21,712	398	12,369	364	12,579	33,068	34,655	33,309
Grand Total, Presidency ..	173,075	151,790	5,851	51,870	8,754	44,134	230,796	204,678	221,265

The number of animals impounded during the year was 204,678 against 230,796 in the previous year and 221,265, the average of the three previous years.

The decrease is chiefly in Kurnool West, North Arcot, Chingleput, Nellore, Cuddapah North, North Coimbatore and Kistna, while a marked increase is noticeable in Bellary, Guntúr, South Arcot and Madura. In Cuddapah North, Nellore, and Chingleput, the decrease was due to the increased number of cattle having been licensed during the year, in Kistna and Bellary due to better protection by hedges, in North Arcot due to better protection and in North Coimbatore the decrease in grazing fees collected and small number of cases detected seem to point to bad supervision. The increase in Guntúr, South Arcot and Madura was mainly due to the impounding of a larger number of goats on account of closer supervision.

(*d*) *Protection against injuries from natural causes.*

21. The most serious injuries from natural causes which the forests and plantations of the department have suffered from during the year are the "Spike Disease" in sandalwood in North Coimbatore, and the "fungus" (*Trichosporium vesiculosum*) in casuarina which attacked the plantations in Ganjám, Kistna, Guntúr, Nellore and South Arcot. All diseased trees are being rooted out immediately the fungus is detected, and, as a preventive measure, planting of casuarina mixed with one or more fast-growing indigenous species has been undertaken. A brief account of the chief pests from which the forests suffered in the several circles is given below:—

Northern Circle.—In Ganjám, the casuarina borer and root fungus continued their depredations in the Agastinowgam plantation; three strips of Malabar cocoanuts were planted in the plantation; the various mixed species planted out last year are thriving well. The only step taken against the diseases was the digging up of the roots of the casuarina felled to make room for the cocoanuts. In Gódávari Lower, all the young plants put out three years ago in the Kandikuppa casuarina plantation are dying off, though they were watered regularly; the cause has not yet been ascertained. In Gódávari Upper, mature specimens of beetles damaging *Xylia* referred to in the last year's report are still being collected. The damage to teak in general, by the caterpillar identified as one of the jossids, still continued, but the injury is confined to the leaves. In Kistna, the borer referred to in the last year's report was not much in evidence during the year, and not a single plant planted in July 1906 was attacked, and it is possible the burning of the debris after clear felling and before planting has contributed to this satisfactory result. The blister fungus, too, seems to have suspended operations for, not a single death from this cause was reported. In Guntúr Mr. Hearsey reports that very large areas of babul were devastated by the larvæ of Buprestis lunata and B. rhoda; casuarina was also attacked by the same pest. Arbela tetraonis was not much in evidence on casuarina, but babul was extensively attacked. A second species (A. quadrinotata) was discovered in the Venkatayapalem reserve to have been causing extensive damage to a shrubby plant. The larvæ of Thosea cervina denuded margosa leaves. The larvæ of a moth Serrodes inaria did great damage to the flowers of the soap-nut tree. Larvæ of a tortrix moth did great damage to the palmyra leaves. Trichosporium vesiculosum was observed in the casuarina plantations except those of Bápatla Block I and Chirala. In Kurnool East, some of the teak plants were killed by grubs, and a few plants were defoliated by caterpillars in the Diguvametta and Peddamantrala plantations.

Central Circle.—In Nellore, the casuarina plantations were saved from wholesale destruction by fungus, Trichosporium vesiculosum, and the insects, Arbela tetraonis and Clavia Crameria, (1) by the clearance of all dead and affected trees, (2) by the clear felling of all compartments where the ravages from the above disease and insects have gone too far, (3) by suspending the replanting of felled coupes for two years, and (4) by the systematic search and destruction of all insects together with the homes they had made for themselves in the trees. The rains of 1906 also helped to some extent by washing away the black powder deposited on some of the affected trees. Steps have also been taken to try the effect of raising a belt of broad leaved species between the affected coupes and the fresh crop, and to replant the clear felled compartments by interplanting casuarina with *Inga dulcis* or *Acacia auriculoformis*.

In *South Arcot*, there being decrease in the mortality of casuarina trees in the coast plantations, the prompt removal of dead trees and early thinnings seems to have effectively checked the prevalent disease. Roots of certain dead casuarina trees were sent to Mr. E. J. Butler, Imperial Mycologist, who observed that the trees were affected by the Trichosporium vesiculosum, and he suggested trenching of infected areas and removal of diseased trees. Arbela tetraonis also continued to attack casuarina trees. In *Tanjore*, casuarina and other trees in Tirumalavasal and other places were found to have been attacked by insects, and by the parasite *Loranthus longiflorus*.

Southern Circle.—In *South Malabar*, locusts, Pyrausta Machæralis and Hyblæa caused damage to the plantations of Nilambur. The trees in Airavillikava and Pokote plantations were attacked by Mahogany borer; wherever possible affected branches were cut and the insects destroyed. Rhinoceros beetles were found attacking some of the cocoanut plants at Beypore and they were picked out and destroyed. In *North Coimbatore*, Spike Disease in sandal was found to be spreading rapidly; badly affected trees were removed. Anogeissus latifolia was attacked by lepidopterous larva of which specimens were sent to, and identified by, the Imperial Forest Entomologist.

Operations in connection with creeper cutting, removal of parasites and Lantana, are given in chapter II. 4 (*c*).

4. Sylviculture.

(*a*) *Natural Reproduction.*

22. Wherever there is a reasonable amount of protection from cattle and from fire, reproduction as a whole is excellent; it has been found that in areas frequently burnt seeds become less and less fertile; in areas overgrazed, reproduction has no chance.

Northern Circle.—In *Ganjám*, the occurrence of showers of rain almost throughout the hot weather helped on natural regeneration greatly, as did also the practical immunity from fire of the rigidly protected areas. In the coupes of *Vizagapatam* under regular working, reproduction was good also in the more moist forests situated in the Agency tracts, *e.g.*, Dharakonda and Sinivaram reserves in the Golgonda Range, Antikonda and Barna in Palkonda. In the latter also the reproduction of sâl in Donabai and Barna extension reserves and in Garugubilly plantation was good. In *Upper Gódávari* the natural reproduction by self sown seed, *e.g.*, Terminalia tomentosa, Anogeissus latifolia in Marrigudem Range and the regeneration of Hardwickia binata in Bhadráchalam, Arlagudem and Tunikicheruvu reserves were fair, but teak seed blown off last year did not come up in Marrigudem, while it germinated fairly well round the Tunikicheruvu tank. In the Rekapalle Range natural reproduction of Xylia dolabriformis, Anogeissus latifolia and bamboo in parts was excellent. In *Lower Gódávari* the reproduction of almost all the important species, except Pterocarpus marsupium, was fair in Polavaram, while in Peddápuram the reports were encouraging. The mangrove regenerated satisfactorily in the forest of the Delta. In *Kistna* reproduction from seed of the important species was well distributed in Bezwada Range, while the reproduction of Melia indica, Tamarindus indica, Sapindus emarginatus and Cassia fistula was satisfactory in Ellore. The growth of coppice shoots in the coupes of previous years was satisfactory, Nuxvomica giving the best results. Reproduction of bamboos by the spreading of the culm was good in the reserves of Kondapalli, Kondur and Kottur reserves of Bezwada. Reproduction from seed in the mangrove swamps was also good. In *Guntúr* the reproduction from seed of the white mangrove, Avicennia officinalis, was good in the areas worked over, but especially fine along the creeks. The reproduction of seedlings of Melia indica was very good especially in the coast forests, whilst the seeding was very copious. The seeding of Tamarindus indica and Hardwickia binata was a total failure; and the constant removal of the fruit of Sapindus emarginatus from the forests, as minor produce, does not permit much natural reproduction. In *East Kurnool* the natural reproduction of Hardwickia binata and Soymida febrifuga was very poor, but seedlings of 1904–1905 came up well. The seeding of Pterocarpus marsupium, Dalbergia latifolia and Terminalia tomentosa was very poor, but all other species seeded well,

and the natural reproduction was pretty good throughout. The natural reproduction of teak was abundant in the felled coupes of the Railway Working Circle. In all the coppiced areas in the working circle, coppice shoots have come up abundantly, and the coupes are getting fairly well stocked. Natural reproduction of sandal has been splendid especially near Pulicheruvu and the Chinangulabandapenta. In *Kurnool West* the seedling reproduction was most unsatisfactory owing to fires. Coppice reproduction in coupes came on well. In *Bellary* reproduction from seedlings of *Hardwickia binata* were noticed in the protected and closed areas, as also babul. In the Working Circle No. I, Adóni Range, a few seedlings of Melia indica and trees of Dalbergia latifolia were found with seedlings, or root suckers, growing up in their vicinity. There was a very good growth of Cassia fistula mostly from coppice but also partly from seed. In the Sandur leased forests Chloroxylon swietenia and Boswellia serrata reproduced themselves well. It was found, in Kupgal, where the roots of sissoo trees had been injured by the plough, vigorous young root suckers were springing up. Reproduction from coppice was generally good. In *Anantapur* the regeneration has been better than last year especially in all the closed areas. The Hardwickia binata seedlings of the present year in all the reserves were doing well.

Central Circle.—In *North*, *East* and *South Cuddapah* reproduction of all species in the felled coupes was satisfactory. In *North Cuddapah*, in all the fire-protected areas and coupes closed to grazing and in the inner slopes of the Seshachellams, Palkondas and Lankamalais natural reproduction from seed was satisfactory. In Pullampet Range of *East Cuddapah*, seedlings of *Pterocarpus santalinus* throve well, but those of Chloroxylon swietenia, Pterocarpus marsupium and Anogeissus latifolia for want of timely rains failed to do so; but these species were doing fairly well in the Badvel Nallamalais, as is also the natural regeneration of bamboos. In *South Cuddapah*, there was reproduction of Chloroxylon swietenia and Anogeissus latifolia, and a few seedlings and saplings of Dalbergia latifolia. In *Nellore*, coppice reproduction was satisfactory, except in one coupe and in parts of a reserve. Eight blocks of 200 acres each on the hills in the west of the district are being kept closed to grazing in view to natural reproduction, but it was only recently that by putting up a thick thorny fence and by fire tracing them to a width of 25 feet all round, real protection has been made possible in them. The success of the experiment can be ascertained only in the current year. The species cut in all the coupes in *Chingleput* have put forth coppice shoots, some of them, Zizyphus xylopyrus and Acacia sundra, very vigorously, as much as 8 feet height in about eight months. Natural seedlings have also come up well under parent trees in almost all the coupes and were in good condition. The seedlings of *Melia indica* appeared in the midst of Prickly Pear through the agency of birds. In *North Arcot*, natural reproduction by seed was not satisfactory except in the areas closed completely to grazing, but coppice reproduction was good. In the Chittoor reserve there was good reproduction of red sanders which were planted some 25 years back, and if cattle be kept out, this would become a very valuable reserve in time. In *South Arcot*, there is nothing particularly fresh to add to the notes of the previous years. In the hill forests of the Kallukurichi range reproduction from *Chloroxylon swietenia*, *Anogeissus latifolia*, *Acacia sundra*, *Albizzia amara* and *Hardwickia* was reported to be satisfactory. Teak and sandal seedlings in certain places were numerous. Reproduction from coppice in all the felled coupes is said to have been satisfactory; there was, however, at least one case where felling was very badly done and stools very high. In *North Salem*, natural reproduction was poor where an excessive number of cattle had grazed. In *South Salem*, natural reproduction was good everywhere owing to abundant rains. In *Trichinopoly*, in the Padugai reserves along the Cauvery and the Coleroon, the natural reproduction of *Pithecolobium dulce, Albizzia lebbek* and *Cassia fistula* from coppice and seed was very vigorous, while seedling reproduction of *Acacia arabica* was good in damp places, especially in the coupes felled and fenced during the year. In the upland reserves of the district, coppice growth of *Albizzia amara*, *Chloroxylon swietenia*, *Wrightia tinctoria*, *Melia azadirachta* and *Mimusops hexandra* was good, and seedlings of *Sapindus emarginatus*, *Albizzia amara*, *Chloroxylon swietenia*, *Canthium didymum* and *Strychnos nux vomica* and *potatorum* fair in Vaiyampatti range. In *Tanjore*, the reproduction from seed and coppice was fairly satisfactory and there was a good growth of *Memecylon edule* in the Vettangudi forest.

Southern Circle.—In *South Canara*, regeneration from seed was fairly good all over the district and reproduction by coppice was also good especially in the Udipi range. In *North Malabar*, natural reproduction of *Xylia dolabriformis* and *Terminalia tomentosa* in Kanoth forests, and of *Hopea parviflora* and *Xylia dolabriformis* in Kottiyur reserve, and *Mesua ferrea* in Peria reserve is reported to be excellent. There is a good crop of vengai (*Pterocarpus marsupium*) and blackwood plants in Begur and Chedleth blocks, and also a fine growth of *Hopea parviflora* and *Shorea talura* along the banks of the Nulpoya in the Rampur reserve. In *South Malabar*, the natural reproduction of *Hopea* and other species in the sholas of Mannarghat range is good, and in deciduous forests vengai seedlings are plentiful. In Amarampalam range reproduction of almost all species is good. In Nilambur the reproduction of *Xylia dolabriformis* is good in all the natural forests, and blackwood is found in elevated places. *Swietenia macrophylla* has begun to reproduce itself both in Pokote and Chathamborai reserves. In *Nilgiris*, the coppice growth in all the worked coupes is good, but bamboo regrowth is much damaged in Kullar by wild elephants. The seedling growth of teak on the outer slopes is poor owing to drought. In *North Coimbatore*, reproduction is good in Doddasampagai and poor in the drier soils of Hanur; regeneration of *Hardwickia binata* was satisfactory along the banks of the Cauvery in Chikkailur, but was bad in Bhavani and Erode owing to the unfavourable season. Reproduction from coppice was more satisfactory in the areas cut over in Araipalaiyam than in the moister soils of Gundal Working circle, probably owing to better felling and protection; it was disappointing in Erode and Bhavani ranges. In *South Coimbatore*, reproduction (especially of teak) in the high forests on the Anamalais was good on all areas where sufficient light was admitted and the growth protected from grazing. In the areas specially treated as regeneration areas the natural reproduction was excellent. In the fuel coupes, coppice regeneration has been as a rule good. In *Madura*, reproduction from seed in the unworked evergreen forests was good, while in the *Albizzia amara* forests worked as coppice the coppicing regeneration was satisfactory. In *Tinnevelly*, natural reproduction in the evergreen forests was good, as also in places successfully protected from fire and grazing. Coppice regeneration is good everywhere, except in the babul areas where it is practically non-existent owing to the impossibility of excluding goats from them. The absence of regeneration in the babul tank beds is a serious matter, as the supply of fuel must be completely exhausted in a comparatively short time.

(*b*) *Artificial Reproduction.*

23. Form 54 shows the areas under plantations and topes or subjected to cultural operations.

Regular Plantations—Ganjám.—Agastinowgam casuarina plantation still diseased with fungus and borer; area of casuarina mixed with leafy species, flourishing; 26·4 acres in that plantation planted with 3,015 Malabar cocoanuts, doing well. *Vizagapatam*—66 acres around Conservator's bungalow, Waltair, of rapidly disintegrating sandy loam, acquired last year, terracing has been undertaken and three quarters completed, 18 acres planted with mixed species, anything that will grow, (principally sissoo, figs, Pongamia, Eugenia, Calophyllum, raintree, Albizzias, Melia, Dodonœa), to stop disintegration, check boisterous wind, and prevent drift; banks mostly covered with Ipomœa; soil being porous and dry, two large streams diverted on to terraces, and water sinks in; seedlings being insufficient for all terraces, and as object lesson for similar land abundant in vicinity, some terraces cultivated with ordinary crops, to stop drift. *Godavari Lower.*—In Kandikuppa and Bendamurlanka reserves 38 and 49 acres, respectively planted with casuarina, in former casualties *nil*, in latter numerous, during past 3 or 4 years results have been similar. *Kistna.*—In Kanukollu 16 acres planted with sissoo, failures 4 per cent.; Malleswaram, 5 acres cocoanuts, failures 2½ per cent.; in 6 other reserves 112 acres with mixed species (casuarina, sissoo Pithecolobium, Pongamia, etc.); one reserve, a pure experiment on saline soil, was a total failure; in another, a water famine occurred in hot weather, 50 per cent. died; average mortality amongst remainder 5¾ per cent., trees flourishing. Two reserves in Bezwada range, previously planted with neem and Albizzia, doing well. Total cost of year Rs. 5,539, of which Rs. 2,270 upkeep of previous. *Guntúr.*—25 acres

in Suryalanka plantation planted with casuarina quite successful; sissoo planting in Bápatla and Vedullapalli not doing very well, owing to neglect; cocoanuts planted round Suryalanka bungalow successful. *East Kurnool.*—In Diguvametta teak plantation 7 acres added. planted 6 feet apart, 90 per cent. established, 23 sandal also added and flourishing, tallest 51½ inches, average 18¾ inches. At Maddipenta Chenchu centre 1 acre planted with 843 teak, 527 surviving. At Peddamantrala Chenchu centre 1½ acres planted with 1,400 teak, 850 surviving; nursery also formed with 15,000 teak and 3,000 other seedlings. At Pedda Chama Chenchu centre, newly started, nursery of teak, etc., formed, and 36 acres cleared for succeeding years planting. *West Kurnool.*—At Pécheruvu Chenchu centre, 50 Chenchus employed, 18 acres fully stocked with teak, Pterocarpus, Albizzia; condition good. At Nágalúti Cherchu centre 26 acres similarly stocked. 50 Chenchus employed, condition excellent. At Bairluti Chenchu centre, 60 Chenchus employed, 21 acres attempted, 19 similarly fully stocked, growth slow. At Pangidi Chenchugudem work stopped, as Chenchus left at crop time. At Passurutla, Rudrakod, and Sudem Chenchu gudems, plantations satisfactory. At Honkaram, fuel coupes of 30 acres converted into teak, etc., plantation, seedlings excellent, 2 feet high, last year's also good, 3 feet, 9 mahogany average 5 feet. At Pecheruvu sandal plantation started, prospects promising *Bellary.*—Kupgal and Tungabhadra plantations abandoned, cost excessive, cultural operations adopted instead. At Moka on Hagari river, reserve formed to stop sand drift and provide Bellary town with fuel; nursery formed of casuarina, sissoo, and other species sufficient to plant 100 acres ensuing year; water plentiful close to surface. *North Cuddapah.*—Kamalapuram and Rameswaram not regular plantations though hitherto so classed. *Nellore.*—In coast casuarina plantations no replanting done owing to fungus and borer; 3 new areas, 188 acres, planted 12 feet apart (instead of 6 feet as usual) with Pithocolobium as mixture between; total cost plantations during year, including upkeep of previous, Rs. 7,860; Kullurpad mixed plantation—casuarina, Albizzia, satin, nuxvomica, etc., extended 20 acres, total now 60, quite satisfactory, cost during the year Rs. 922. *Chingleput.*—In Meyyur plantation, 15 acres with 1,400 plants of cashew, divi-divi, etc., were planted. *North Arcot.*—Seemingly 129 acres in 4 plantations altogether planted with mixed casuarina and divi-divi; information meagre. *South Arcot.*—Four Cuddalore coast plantations extended 60 acres with casuarina, results better than last year, cost Rs. 2,018; plants produced from Burmah and Ganjám seed show so far no difference from those from local seed. *South Salem.*—In Sanniyasimalai 15 acres planted with Pinus longifolia, Cupressus, and silver oak, only latter doing well; also 10 acres dibbled with australian wattle which germinated but gradually died off. *Tanjore.*—67 acres planted with casuarina. *North Malabar.*—In Begur 117 acres planted with teak, doing well, cost Rs. 5,063. *South Malabar.*—In Karimpoya 127 acres teak, 3 acres along streams *Hopea parviflora*, cost Rs. 901, replacing casualties, 43,463 teak and 1508 *Hopea*, of 1905 and 1906 cost Rs. 90; *Hopea* not very successful will be replaced by teak. *Madura.*—25 acres of Upper Palni planted with pine, doing well; Post-office plantation abandoned and converted into a Park; Vaunathiparai and Velankombai teak, Pumbari *acacia*, and Gundanshola bluegum, plantations all thriving; coppice reproduction in last good, although burnt by fire in 1904–1905. *Tinnevelly.*—In Tirukumgudi 1500 teak planted, of 800 planted previous year only 110 survive; in Kombiar valley 160 bamboo put out, but only 60 alive; in Kaliavur 10¼ acres planted with mahogany and *Albizzia*, 1,670 mahogany and 2,204 others being put down in coupe 4 and blanks of coupes 2 and 3; in Kotamadakki 1,500 casuarina planted, cost Rs. 9, last year's plants poor, 1½ feet high; in Valliyur no new planting, many of last year's mahogany (2,500), casuarina (2,000), bamboo (1,900) and sandal (6) having died of neglect.

Taungya Plantations—Gódávari.—25 acres in Pegha coupe IV brought under teak taungya, cost Rs. 142; many casualties (2,929) of previous years' taungyas occurred during the year; surviving: coupe I—150, coupe II—4,906. *South Canara.*—In Puttur range 146 Maratties cultivated 273 acres; in return, collecting seed and planting teak, black wood, etc.; surviving from previous years: 1904—15,229 teak, 1,157 others; 1905—614 teak, 27 others; 1906—16,900 teak, 1,430 others; in nurseries—4,603 teak, 630 others.

Cultural Operations—Lower Gódávari.—In Coringa 242 acres dibbled with Avicennia, 70 per cent. live, thriving. *Kistna.*—8 acres in Kanur, salt swamp sown with babul and Avicennia, latter thriving, former died in hot weather. *Guntúr.*—Seed

was sown in blanks of reserves in Bapatla, Sattenapalle and Palnad Ranges, but unsuccessful: palmyra put down along reserve boundaries in Bapatla doing well. *East Kurnool.*—At Diguvametta, teak and other seeds dibbled in one area of $3\frac{1}{2}$ acres, very few thriving, and in another of 84 acres about 5 per cent. thriving; 900 teak thriving in the 1905 dibbled area; sandal, with seed of hosts, sown along Sagileru, about 500 thriving; also a few in a few other localities; at Maddipenta Chenchu centre, of 100 acres dibbled with teak in 1906 and unsuccessful, 30 acres redibbled during the year, and a few sandal sown; at Peddamantrala, of 170 acres 54 similarly resown, also sandal along stream which came up well; at Chinnamantrala gudem, 149 acres similarly resown, also fresh area of 48 acres, sandal here not successful. *Bellary.*—In Adóni Range 985 acres ploughed and sown, and 520 acres dibbled, with neem and others, fig cuttings put down on bare rocky hills, fairly successful. In Alur Range similar operations, but record not given. *Anantapur.*—In 3 Ranges operations, similar to Bellary, in closed areas, reproduction fair. *Nellore.*—23,000 palmyra seeds sown along boundaries of 3 reserves, failed two, fair in the other. *Chingleput.*—Over 1,218 acres in two Ranges, seed of tamarind, Bassia, and Pithecolobium, etc.: together with manure leaf producing species, put down under bushes, 75 per cent. in Chingleput Range and 30 per cent. in Tiruvallur Range successful; also 19,000 plants put out from nurseries, with success varying according to species from 10 to 50 per cent.; 1,100 palmyra seed put down along edges of Meyyur tope, 30 per cent successful. *North Arcot.*—Chittoor reserve red sanders, and in Palmaner plantations sandal, seed sown; plants reported in good condition. *South Arcot.*—Cuttings in Kallakurchi Range in blanks, and seed in felled coupes in Tiruvannámalai Range, neither succeeded very well. *Trichinopoly.*—Three padugais in Udaiyárpálaiyam Range, about 100 acres, ploughed and sown with babul and Pithecolobium, cost Rs. 49, very successful; three similar in Kulittalai Range failed from carelessness; five Cauvery padugais fenced with live hedge and Banyan, Portia, Odina and Poinciana cuttings, greatly improved reproduction, cuttings striking root. *Tanjore.*—Five reserves planted with cashew over 5 acres each, three succeeded, two failed. *South Malabar.*—Amarampalem Range mahogany-Avenue plants fenced, cost Rs. 39; in Nilambur Range 9,[illegible]12 blackwood and 2,351 larger mahogany put out in Edacode (1,860 and 1,861), whilst 28,685 blackwood, 2,683 larger mahogany, 510 *Hopea*, and 1,052 bamboos put out to replace casualties in coppiced areas. *Nilgiris.*—Cultural operations in old plantations, cost Rs. 1,320. *North Coimbatore.*—In Erode, neem and *Albizzia amara* seeds, dibbled in Kanampalayam reserve, failed; palmyras dibbled in blanks of three reserves, and 40 bamboo clumps, doing well; at Bailur, sandal dibbled in, and sandal nursery at Gundal, neither very successful; at Geddesala two acres of swamp planted with blue gum doing fairly well. *Madura.*—On two areas of 4 and 25 acres planted last year with manure leaf species, plants now 8 feet high; a similar area of 70 acres failed, replanted this year with additional 20 acres, of which half successful, other half rocky and poor soil; another block of 200 acres was sown and doing well; all the areas were fenced with *euphorbia* cuttings. *Tinnevelly.*—Teak was dibbled in over almost all coupes of 1905 and 1906 in lines which, if kept clear, although dying down the first year, usually establish themselves in the second, and are generally successful; in two coupes of Kuttálam, one of Kadayanallur, one of Padarmalai, two of Koiltiri, blanks of one of Kalakkad, and one in Kopparai working circles. In Kaliavur *Albizzia*, *neem*, babul and *Acacia planifrons* sown, unsuccessful; 36 acres in Gangaikondan reserve with similar species and manure leaf plants, results poor, may improve as have the planted areas of 1905; in Siri reserve, *Acacia planifrons*, *Dalbergia sympathetica* and palmyra sown, growth slow, cost Rs. 204; 113 acres dibbled in four reserves with leaf manure species, not very successful.

(*c*) *Operations for improvement of the growing stock.*

24. The abolition of the havoc-causing permit system, and the substitution of located fellings under systematic principles, in conjunction with depots, made a further stride in almost every district during the year, and this in itself is an operation of the greatest importance towards the improvement of the growing stock. The difficulty of introducing outside agency for the fellings, after fifty years of unregulated fellings have developed them into a regular custom, is treated in paragraph 59.

25. *Improvement fellings.—Ganjám*—fungus and borer-affected trees were removed in Agastinowgam reserve; *Upper Gódávari*, 100 acres of Pegha reserve; *East Kurnool*, bamboos were treated in coupes under this system, the cleaning of clumps being insisted upon; *West Kurnool*, fuel and bamboo coupes in three ranges in the Nallamalais were treated in this way, the fuel coupes being afterwards planted with teak and other good species; *North Cuddapah*, timber coupes were so treated removing unsound, hollow and deformed trees; *South Arcot*, all fungus-affected trees were removed from casuarina plantations; *South Coimbatore*, in all fuel coupes, where sufficient soil-protection is afforded by the better species, soft wooded species were felled to retard their growth, and were converted into admirable charcoal, which they were found to provide; *Nilgiris*, in Mudumalai crooked teak and *pterocarpus* was removed over 183 acres.

Thinnings.—Kistna, in Bezwada reserve, lightly performed amongst tamarind and babul to make room for better species; *South Arcot*, bamboos, were thus treated on a small scale in one range, casuarinas in two working circles of coast plantations; *Nilgiris*, in Aramby plantation frenela (*Callitris*) was thinned.

Coppice with standards.—Kistna—Special attention is reported to have been paid to cutting flush with the ground; *Guntúr*, leasing out coupes to contractors found a failure, as, with inadequate supervision, they removed standards, felled in irregular patches, did not cut flush with the ground, and fencing quite inadequate; *East Kurnool*, 4,000 acres thus operated upon for railway supply, but unsatisfactory as owing to conditions of contract sound young poles of hard wooded species were removed and inferior species were left; present contract ceases in April 1908 and will not be renewed; *West Kurnool*, ten reserves in the Yerramalais thus treated; *East Cuddapah* out of 631 Jalari stumps that had not coppiced in previous years, by removal of creepers and lopping branches of inferior species and admitting light, 428 produced coppice shoots at a cost of Rs. 11.

Cleaning and weeding.—East Kurnool, the Diguvamitta teak dibbled area of 1905 was weeded; *West Kurnool*, the plantations at all the Chenchu centres were weeded; *North Malabar*, eleven plantations were weeded at a cost of Rs. 1,126; *Nilgiris*, the rank under growth was cleared out of the Ootacamund and Coonoor plantations to develope the coppice shoots.

Clearing out dead wood.—East Kurnool, the permit system being abolished no green trees except in the railway coppice working circle were felled, but dead wood, which abounds throughout the forests, was systematically collected; *West Kurnool*, large quantities of dead wood, abounding in the Nallamalais, was collected for timber supply.

Departmental collection of minor produce—East Kurnool.—This was undertaken, in place of ordinary outside agency, and a great deal of damage to trees put a stop to.

Fencing.—No details are given.

Creeper and parasite cutting.—Ganjám—131,000 creepers in specially protected blocks were cut by fire patrols; *Gódávari Upper*—Creepers were cut by subordinates in all ranges; *Gódávari Lower*—The same, except in Delta range where it is not required; *East Kurnool*—A certain amount of creeper cutting was done by subordinates; *North Cuddapah*—This was effected in all timber and fuel coupes; *Chingleput*, the same, where found necessary; *North Arcot*—The same; *North Salem*—The same, to free standards; *South Canara*—They were cut over 1,000 acres of a timber coupe in Uppinangadi range; *North Malabar*—They were cut over 2,997 acres in Begur block at a cost of Rs. 2,341; *South Malabar*—Creeper cutting undertaken in plantations, parasites on teak trees removed.

Prickly pear and Lantana removal.—North Arcot—It was removed from all plantations; *North Salem*—Removed from two topes at a cost of Rs. 72; *Bellary* effected in the coupes, but no details given; *North Malabar*—Lantana was uprooted over 22 acres in Chedleth teak plantation.

Regeneration fellings.—South Coimbatore—Clearings were made in three plantations of Tunacadavu range; regeneration areas in the 1905–1906 compartment were further opened to introduce light to the advance growth which is doing well, whilst in the 1906–1907 coupe regeneration fellings were effected in selected areas.

(d) *Experiments.*

(i) On species.

26. *African plant* (Mr. Morgan's).—These trees in *South Malabar* are doing well.

Agave Ixtle.—Existing plants in *North Arcot* are thriving.

Bamboos.—In *Vizagapatam* three plants of *Arundinaria Hookeri* are doing fairly well in the Conservator's compound; in *South Canara*, six clumps of *Dendrocalamus longispathus* are in good condition; in *South Malabar*, eight clumps of *Dendrocalamus Brandisii* (giant bamboo) are doing well, other clumps are found along banks of rivers, as are also of *Cephalostachyum pergracile*; four clumps of *Bambusa vulgaris* (yellow bamboo) are not thriving.

Baroda plants.—Seeds received from the Superintendent, State Gardens, were planted in the *Coimbatore* Museum Garden: *Bauhinia variegata* (var. *alba*) two germinated but died; *Enterolobium* (Pithecolobium) *Saman* (var. *aurea*) 17 are doing well; *Parkia biglandulosa*, 67 germinated, only 15 living and doing well; some old plants of this species have existed in Coimbatore Jail compound for several years: *Peltophorum ferrugineum* 52 germinated, 12 only are living and doing well; there are several of these trees in Masulipatam, *Kistna*, whence seed has been obtained and seedlings grown on the terraces in Waltair, *Vizagapatam*; *Pterospermum acerifolium* and *Solanum macrontheum*, neither germinated.

Camphor (*Cinnamomum Camphora*)—In *Vizagapatam* of the 249 put out on the Waltair terraces 9 died, remainder doing excellently, majority about 3 feet high; another 20 lbs. seed obtained from Japan in January, seedlings far healthier than last year, 740 put out on terraces, doing excellently, many already 1 foot high, germinations still continuing in seed pans. In Southern Circle $\frac{1}{2}$ lb. seed obtained from Dehra Dun and distributed; in *Nilgiris* 56 germinated and planted out, average 8 inches; in *Madura* germinated freely, plants healthy, 75 put out in Kodaikánal New Park; in *South Coimbatore*, Mr. Marsh raised, and put out, 30 plants on his estate, fairly healthy, 1 to $1\frac{1}{2}$ feet high; in *Coimbatore* Museum Garden all that germinated died, except one which is unhealthy.

Conifers.—Californian pines (*Pinus attenuator*, *P. monophylla*, *P. Toreyana*, and *P. Sabiniana*) in *Madura*, referred to last year, came on well and now form regular plantation (*q. v.*) in Kodaikánal range; *Pinus longifolia* and *Cupressus* tried in *South Salem* in a 15 acre plantation, with silver oak, but not very satisfactory; *Podocarpus latifolia* was tried at Geddesala in *North Coimbatore*, but did not germinate well.

Date (*Phœnix dactylifera*).—Some of the many trees in Chatrapur reserve in *Ganjám* have borne fruit; in *Gódávari* one died, eleven remaining; in *North Arcot*, two died, the remainder are unsatisfactory; in *Tanjore*, three died, 129 are thriving.

Divi-divi (*Cæsalpinia coriaria*)—In *Vizagapatam*, grow slowly and not very successful; in *Upper Gódávari* are flourishing; in *Nellore*, were tried in two nurseries, failed in one, succeeded in the other; in *North Arcot*, in good condition and yielded $4\frac{1}{2}$ candies of pods; in *Trichinopoly*, the plants in two padugais have established themselves.

Eucalyptus.—(*a*) Blue-gum (*Eucalyptus globulus*): in *North Arcot*, the trees at Palmaner are doing well; in *Nellore*, tried in nurseries of four plantations, but only succeeded at Kullurpad; in *North Coimbatore*, two acres were planted out at Geddesála and 20 trees put down at Bellaji, both lots are doing well, and the old trees at Talamalai are thriving; in *Tinnevelly*, 179 put out in 1905, as a wind-break at Nedugani are doing well; (*b*) Red-gum (*Eucalyptus rostrata*) tried in *North Arcot* but failed; (*c*) *Eucalyptus citriodora*, two plants doing fairly well on terraces at Waltair in *Vizagagatam*, and old trees at Talamalai in *North Coimbatore* thriving.

Grasses.—(*a*) *Paspalam dilatatum* thriving in *South Salem* in the experimental gardens at Hastampatti; (*b*) *Cynodon dactylon* (Hariali) is cultivated in *Chingleput*, 25 acres at Vandalur, and 7 acres in Mela Meyyur tope, being laid down as grass-farms; (*c*) *Pennisetum cenchroides* is being tried in the *Nilgiris* as a fodder grass.

Grevillea robusta (Silver oak).—In *Vizagapatam* about a dozen are thriving, except for the wind, on the Waltair terraces; in *South Salem* were used for a 15-acre plantation at Saniyasimalai (with conifers) and did well; in *Tinnevelly*, the trees at Nedugani bungalow died.

Jacquarandus.—In *North Arcot* are healthy.

Logwood (*Haematoxylon campechianum*): In *Ganjám* those put down a few years ago, in Agastinowgam and Napier's Park reserves, in some cases doing well, but the majority only moderately; in *Vizagapatam* on the terraces at Waltair they usually become straggly; in *Gódávari Lower* 10 plants average 5 feet, one in Kandikuppa is 9′ 2″ high.

Mahogany (*Swietenia*).—(*a*) True mahogany (*Swietenia mahagoni*): in *Ganjám* District Forest-officer's compound, two trees about 20 years old flower but do not fruit; in *Vizagapatam*, four trees on the Waltair terraces improved during the year; in *Upper Gódávari*, 48 trees are still alive; in *Lower Gódávari*, of 70 put out in 1905, only 5 are living, 11 having died during the year; in *East Kurnool*, 4 remain at Giddalur but are unhealthy, 6 at Diguvametta are stunted; in *West Kurnool*, those put out at Rudrakod are doing especially well, but are thriving at other Chenchu centres; in *East Cuddapah*, 22 out of 77 existing plants died during the year, 150 more were planted but 30 died, 175 remain; in *South Cuddapah*, 87 at Horsleykonda are healthy; in *Nellore*, seeds were sown in two nurseries but were only successful at Kotacheru; in *North Arcot*, a large number died, those at Kilminnil are doing best; in *South Arcot*, only a few seeds planted this year germinated and are kept ready for putting out, last year's seedlings thriving, 10 old trees at Melpat flourishing and seeded, 6 plants raised from 50 seeds collected; in *Trichinopoly*, are doing well; in *Tanjore*, are thriving in Vettangudi reserve; in *South Canara*, 40 plants at Puttur, 21 at Wandsee, 16 in Pillarkan reserve, and 15 at Kombar are living; at the latter, only 54 plants of 1905 are alive; in *South Malabar*, 22 plants, from 1 lb. seed, are in the District Forest-office compound; in the *Nilgiris*, young trees in Mudumalai and Benn forests are flourishing; in *South Coimbatore*, 105 plants in Bolampatti and 68 a Anaimalai are flourishing, 47 sent to Punachi died, plants at Mount Stuart raised during the year are alive but stunted; in *Madura*, two trees at Kanavoipatti are flourishing; in *Tinnevelly*, 314 seedlings raised and put out at Kariur, but only 284 are alive; trees in older plantations at Mudunthorai were a failure. (*b*) Large-leaved mahogany (*Swietenia macrophylla*): in *Vizagapatam*, a few trees on the Waltair terraces improved considerably during the year; in *Guntúr*, one tree at Bolapalli had been neglected, but is improving; in *East Kurnool*, the 7 at Diguvametta all died; in *East Cuddapah*, 70 out of 196 died; in *South Arcot*, not satisfactory; in *South Malabar*, the largest tree is 34 years old, 95½ feet high, 89½ inches girth, flowered during the year and has seven seedlings round it; trees in Edacode and Pokote doing well; 1,620 plants were put out from 6,000 local seeds (of which 5,000 germinated), last year's plants much damaged by deer and sambhur, and only 3,881 remain; in *Madura*, plants on Alagar hill and Kanavoipatti are doing well.

Musa textilis (Manilla hemp).—Planted in the *Nilgiris* between the rubbers, and doing well.

Natal plants.—Seed obtained from the Conservator of Forests, Natal, were tried in the *Nilgiris*, *Madura*, *Tinnevelly* and *Coimbatore* Museum Garden; *Albizzia fastigiata*, five in the Nilgiris are 1¾ inches high, twelve germinated in Coimbatore, but died; *Calodendron capense* and *Cryptocaria capensis*, neither germinated; *Erythrina latissima*, three in the Nilgiris are 2 inches high, five germinated but died in Coimbatore; *Harpephyllum caffrum*, one in the Nilgiris is 3 inches high; *Leucadendron argenteum*, four in the Nilgiris are 7 inches high; *Milletia caffra*, none germinated; *Weddingtonia Whytii*, 140 in the Nilgiris are 4½ inches high.

Red sanders (*Pterocarpus santalinus*).—In *Ganjám*, have produced a crop of self-sown seedlings, and thriving very well in Napier's Park; in *Guntúr*, flourishing at Kondavid, and seeded for the first time; in *East Cuddapah*, 52 put down in *Kodúr* of which 18 remain, five thriving well, in Upparapalli plantation 30 newly put down, 13 remaining and doing well.

Rubber plants.—(*a*) *Assam rubber* (*Ficus elastica*): in *Ganjám*, at Chatrapur and Russellkonda doing poorly; in *Vizagapatam*, from the original 5, now about 8 years old, on the Waltair terraces 71 cuttings taken and put out, thriving excellently; in *North Malabar*, 30 acres planted with 586 cuttings, only 13 survived, apparently not planted deep enough; 2 trees at Manantoddy and 4 at Mukkitapped yielding 76 tolas and 6 lbs. respectively; some Mukki rubber was sent for analysis to Reporter on Economic Products who stated that it was not up to Assam sample, but would probably

improve as trees grew older. (*b*) Ceara rubber (*Manihot glaziovii*): in *Ganjám*, trees in Napier Park improving and producing numerous self-sown seedlings; in *Kistna*, at Kondapalli thriving fairly; in *South Arcot*, trees in Relief camp tope in Tindivanam range were tapped, later sent to Reporter on Economic Products, but analytical report not yet received; in *South Canara*, 14 plants at Alur thriving, 84 plants in Someshwar reserve 3 feet high; in *North Malabar*, 84 trees at Kanoth tapped, only $2\frac{3}{4}$ ounces rubber obtained; in *South Malabar*, trees are gradually diminishing in number; in *Nilgiris*, seedlings in and around Benne nursery are coming up well; in *South Coimbatore*, those planted in 1898 at Mount Stuart and Walayar thriving, but too weedy. (*c*) *Kickxia africana* (African rubber): in *South Malabar*, 23 trees are doing very well. (*d*) *Landolphia florida* (Accra rubber): in *South Malabar*, 22 creepers doing well except for mischief by monkeys. (*e*) Mexican rubber (*Castilloa elastica*): in *Vizagapatam*, 500 plants received from Nilgiris, put down in Gudem hills, reported majority dead owing to drying up of a stream, more probably sheer neglect as the Acting Conservator could obtain no satisfactory information about them, and district report devoid of all details. (*f*) Pará rubber (*Hevea brasiliensis*); in *Vizagapatam*, 1,000 plants from the Nilgiris suffered the same fate as the Mexican rubber; in *South Arcot*, 12 trees at Melpat thriving and begun to seed; in *South Canara*, 190 plants in Someshwar reserve 7 feet high and in good condition; in *South Malabar*, 24 trees in Airavillikava and one on Nilambúr hill doing well, 4 trees tapped; in *Nilgiris*, 304 plants in Kullar nursery doing fairly well, failures were replaced.

Sandal (*Santalum album*)—In *Vizagapatam*, 23 plants growing on hosts from East Kurnool put out on Waltair terraces doing well, another 1,150 raised from seed amongst other plants (especially sissoo and cashew) on the terraces flourishing; in *Guntúr*, seed put down at Bollapalli germinated, but plants died in the hot weather.

Trinidad plants.—Seed obtained from Superintendent, Royal Botanical Gardens, Trinidad, were tried in the *Nilgiris*, *Madura*, *South Malabar* and *Coimbatore* Museum Garden: *Carapa guianensis*, only 2 germinated in Coimbatore and died; *Hymenia courbaril*, 3 in the Nilgiris are $6\frac{1}{4}$ inches high, one is doing well in the office compound South Malabar, 12 germinated in Coimbatore but only 6 are doing well; *Platysmiscium platystachyum*, one is doing well in South Malabar office compound; *Tecoma serratifolia* and *T. spectabilis* and *Mimusops globosa*, none germinated; *Cedrela odorata*, in Nilgiris 33 germinated and 28 survive and are doing well, in South Malabar 13 germinated and are thriving, in Coimbatore garden 9 germinated and 7 are healthy from 8 to 12 inches high, in South Coimbatore 8 germinated at Mount Stuart and 5 survive.

Xymolos monospora.—Was received from the Inspector-General of Forests, tried in two reserves of the *Nilgiris*, but did not germinate.

(ii) ON SUITABLE PLANTS FOR ABNORMAL LOCALITIES, AND OTHER POINTS.

(*a*) In *Lower Gódávari*, 10 acres in Coringa reserve were sown with various kinds of seed, but the experiment failed; some cuttings put down also died; in the nursery, seedlings of Garuga and Acacia also died.

(*b*) In *Kistna*, seed of salt creek species was obtained from the Andamans to try in the salt swamps of Bandar Fort and Sorlagondi reserves, the species were *Heritiera littoralis*, *Cycas rumphii*, *Nipa fruticans*, *Licuala palustris*; and 22 lb. of *Calophyllum inophyllum* were sent from Waltair for the same locality, but none germinated.

(*c*) Of 4 *Avicennia* trees pollarded for experiment, only 11 survived the treatment, in *Lower Gódávari*.

(*d*) In *Lower Gódávari* experiments were made to ascertain the period of germination of different kinds of seed, and the results were recorded in the District Forest Office.

(*e*) In *Kistna* experiments were made over 14 acres in each of 6 reserves in Ellore range to test the best mode of artificial reproduction, whether on mounds, or in trenches, or ploughing up the ground and sowing; they failed in 4 reserves from want of rain, the results were approximately the same in the other two.

(*f*) In *Lower Gódávari* an experiment was made to test the immunity of different species of timber from the attacks of *toredo*; all the species tested were more or less damaged, the result being recorded in the District Office.

5. Exploitation.

(a) System of Management.

(i) *Major Forest Produce.*

(1) *Clear or Regeneration Fellings.*

27. *Northern Circle.*—In *Upper Gódávari*, 25 acres of mixed forest in Pegha reserve (coupe IV) were clear felled for Taungya regeneration; in *Lower Gódávari*, 95 acres in Bendamurlanka casuarina reserve; in *Kistna* 17 acres (coupe 8) in Gopavanipalem reserve, and 50 acres in Kanukollu reserve, both casuarina; in *Guntúr*, coupe 5 of Répalle mangrove working circle; in *West Kurnool*, the plantation areas of mixed forest at the Chenchu centres along the Nallamalais, in *Bellary*, the coupes in Adóni and Alúr Ranges as ordered by the working plans; and in *Anantapur*, coupes 2 and 3 of Illur babul working circle.

Central Circle.—In *Nellore*, 539 acres in compartments 3 and 5 of Dugarazapatnam, 3, 4 and 6 of Kottapalam, 4, 5 and 6 of Taminapatnam, and 3 of Varini (total 947 acres), all casuarina, were clear felled; in *North Arcot*, coupes of the Tiruvellam, Kilminnal, Ammundi and Virinjipuram casuarina plantations; in *South Arcot*, 61 acres in the Coast casuarina plantations, and two tanks containing casuarina and babul; in *South Salem*, babul in six tanks; and in *Tanjore*, 5 acres in compartment VII of South plantation, 30 acres in compartment of North plantation, and 10 acres of compartment III of Neidavasal plantation.

Southern Circle.—In *South Canara*, 2 acres of Tannirbhavi casuarina plantation; and in *South Malabar*, 133 acres in coupes I and IV (*a*) of Karimpoya reserve for teak plantation were clear felled; in *North Coimbatore*, Arachalur Plain reserve was clear felled prior to handing it over on lease to a fibre company.

(2) *Selection Fellings.*

28. *Northern Circle.*—In *Ganjám*, two blocks in Kukkuluba Range and 4 in Surada Range were opened for the extraction of dead sâl under the working plans; in *Vizagapatam*, 80 sâl trees blown down in Palkonda Range and 323,248 bamboos were removed and brought to depot; in *Upper Gódávari*, 3½ lakhs of bamboos from the reserves and unreserved lands of Marrigudem Range, and 10 lakhs of bamboos from 5 compartments in Rekapalli reserve and half the unreserved lands of Rekapalli Range were extracted by contractors as per working plans; in *Guntúr*, dead trees in Karlapalem were removed and converted into 322 tons of fuel, and in Sattenapalle Range 50 tons of dead jungle wood was collected as fire-wood for Atchempet depot; in *Kurnool East*, 57,181 cubic feet of dead timber was collected from the coupes and fire lines of the Railway working circle, and transported to depots, and a large number of chiruman trees above two feet in girth were felled from the old coupe and brought to Diguvametta and Chelama depots; and in *Kurnool West*, 69,647 cubic feet of dead timber was collected from the Nallamalai forests and brought to depots.

Central Circle.—In *North Cuddapah*, nine timber coupes and one bamboo coupe were worked on the selection felling principle; in *East Cuddapah*, seven such timber coupes and three bamboo coupes; in *South Cuddapah*, two timber coupes and one bamboo coupe; in *Nellore*, dead and diseased casuarina trees were removed from eight coupes in the casuarina plantations, and one timber coupe in Rapur Range was similarly worked; in *North Arcot*, 1,966 cubic feet of sandal was collected from the Javadi Hills, 1,449 cubic feet of red sanders from Mamandur, and 3,454 cubic feet of miscellaneous timber from different coupes, also bamboo coupes in Vellore West and Polur Ranges; in *South Arcot*, six bamboo coupes in the Javadi Hills, and six blocks in two Ranges were leased to contractors; in *North Salem*, sandalwood and other timbers for the supply of depots, and three compartments in Tiruppttúr Range; in *South Salem*, 61 sandalwood trees from two ranges; in *Trichinopoly* 1,240 tons of babul trees over 2½ feet girth from 6 tanks for the Trichinopoly Waterworks; and in *Tanjore*, 260 tons sandalwood for the Tanjore Waterworks.

Southern Circle.—In *South Canara*, trees over 2 feet in diameter in coupe IV (1,000 acres) of Shiradi working circle in Uppinangadi range as per working-plan; in *North Malabar*, 80 acres in coupe V of Begur (should have been completed previous year as per working-plan) produced 6,003 cubic feet of teak, 1,546 cubic feet of blackwood,

and 1,022 cubic feet of other species, also 1,321 cubic feet of *Terminalia* from Matanhalla forest in Chedleth range for an elephant kraal; in *South Malabar*, 37 trees of coupe XII (Kariem) were felled; in *Nilgiris*, mature teak and others in Mudumalai, and dead and dying teak and others in Segur range were felled and sold by tender; in *North Coimbatore*, 18,775 cubic feet of timber including 15,787 cubic feet of blackwood were felled in Minchiguli and Honnebaribetta working circles, of the latter no less than 5,743 cubic feet were lost as wastage and 2,940 as rejected, whilst 5,577 cubic feet were sold to a contractor leaving in the forest 1,527 cubic feet which on remeasurement came to 1,591 cubic feet; also 3,510 cubic feet of sandal were obtained from dead, dying, spiked and mature trees in 4 ranges, and 361,404 bamboos were extracted departmentally in Bhaváni range; in *South Coimbatore*, 58,829 cubic feet of timber were taken out of Tekadi leased forests, 6,189 cubic feet from Punachi reserve, 1,676 cubic feet from Andiparaisholai, and 1,160 cubic feet from Elival block of Chenab Nair reserve; in *Madura*, 116 first-class trees and 100 second class were sold on contract in Cumbum range; in *Tinnevelly*, 575 cubic feet of white kongu were taken out departmentally and supplied to the Pápanásam mills.

(3) *and* (4) *Improvement Fellings and Coppice Fellings.*

29. Coppice under standards at the present time is worked almost entirely with the object of improvement fellings, and it is therefore almost impossible to draw the line between the two; the only simple coppice, purely intended as such, are the blue-gum fellings in the *Nilgiris*; the bamboo coupes, here referred to, are on the improvement felling principle, removing dead and distorted culms from the clumps leaving a few, usually 8 to 12, straight culms to induce proper reproduction.

Northern Circle.—In *Ganjám*, 4 coupes of 112 acres pollarded sâl sold to a contractor, 25 acres of Malati reserve worked departmentally for Aska Factory fuel supply producing 484 tons, and also 3 bamboo coupes, all in Goomsur, and 2 fuel coupes in the Mohiri hills gave 208 tons; in *Vizagapatam* 8 fuel coupes produced 3,048 tons; in *Upper Gôdávari*, 100 acres (compartment IV) of Pegha reserve improved; in *Lower Gôdávari*, 120 acres (compartment V) in Coringa reserve coppiced departmentally, 9 coupes in Rajahmundry range sold standing to a contractor; in *Kistna*, two mangrove coupes in Bandar range, and all the 18 fuel coupes in Bezwada and Ellore ranges; in *Guntúr*, 10 coupes worked departmentally, 1 of 200 acres sold standing to contractor; in *Kurnool East*, 5 fuel coupes (4,000 acres) worked departmentally for railway supply, outturn 15,356 tons, and 5 bamboo coupes produced 883,651 bamboos; in *West Kurnool*, 12 fuel coupes in the Nallamalais, 10 in the Yerramalais, and 7 bamboo coupes, all worked departmentally; in *Bellary*, 21 coupes worked departmentally; in *Anantapur*, 200 acres in Kottakota reserve, 1,281 pieces of timber felled and taken to Bukkapatnam depot.

Central Circle.—In *North Cuddapah*, 16 fuel coupes; in *East Cuddapah*, 13 fuel coupes; in *South Cuddapah*, 9 fuel coupes; in *Nellore*, areas under the Sriharikota, Kávali and Rapur range working plans, and in the Nellore, Survepalli and Yellasari working circles, and a coupe under the Venad-Pernad working-plan; in *Chingleput*, 6 coupes of 585 acres sold, and 2,109 acres worked departmentally; in *North Arcot*, 8 coupes of 1,071 acres sold to contractor, and 74 coupes of 6,117 acres worked departmentally; in *South Arcot*, seven coupes of 445 acres worked departmentally and 19 coupes of 929 acres on contract; in *North Salem*, fuel coupes in Tirupattúr range worked departmentally; in *Trichinopoly*, 6 coupes of 76 acres in the Cauvery plantations, and 9 coupes of 757 acres in Vaiyanpatti range, worked departmentally; in *Tanjore*, 7 coupes of 589 acres worked departmentally, and 3 coupes of 232 acres by a contractor.

Southern Circle.—In *South Canara*, 9 coupes of 151 acres in Coondapoor range worked departmentally and 200 acres in Udipi range by Sandal-still owners; in *North Malabar*, 10 acres in Kanoth reserve worked departmentally; in the *Nilgiris*, the blue-gum areas in Ootacamund and Coonoor ranges worked departmentally as per working plans, and 183 acres of Mudumalai improved; in *North Coimbatore*, coupes largely developed departmentally, 14 opened and 369,490 c.ft. extracted; in *South Coimbatore*, 45 coupes of 2,510 acres worked departmentally; in *Madura*, 21 coupes of 2,708 acres sold on contract and 11 coupes worked departmentally; in *Tinnevelly*, all the coupes were sold to contractors as per working-plans, except one worked departmentally from failure to obtain proper prices. In Tinnevelly perhaps

the contract system is seen at its best, and by slow degrees it will be developed elsewhere; but it is extremely inadvisable to force the pace which will ruin the whole system and result again in deterioration of the forests, which it is essential at present to restore and improve.

(5) *Unregulated Fellings.*

30. Felling and removal of produce under permits continued, but on a more limited scale, in all districts except *Kistna*, *Kurnool West*, *Tanjore*, *South Arcot*, *North Malabar*, *Madura* and *Tinnevelly*. It was generally restricted to unreserved areas and areas not under working plans, and to the extraction of inferior species of timber, fuel, bamboos, thorns, leaves, etc., for local consumption. In the following districts the issue of permits to reserves was restricted to certain kinds of produce only as given below:—For palmyras in *Guntúr*; for bamboos in some forests in *Bellary*, *North* and *South Salem, South Malabar*, and *South Coimbatore*; for dead firewood in *Nilgiris*; for thorns, manure leaves and grass in *Kurnool East*.

(ii) *Minor Forest Produce.*

(1) *Miscellaneous produce.*

31. Minor forest produce was generally leased out to contractors or collected departmentally. In some few districts permits were issued. The manner of working this produce in each circle is noted below:—

Northern Circle.—In *Ganjám*, mango topes were leased, permits were issued for stone; in *Vizagapatam*, leases were given for *Cassia fistula* bark in Palkonda taluk, and for *Cassia auriculata* bark in Sarvasiddhi taluk; in *Upper Gódávari*, permits were issued for export of minor produce, a small departmental collection of myrabolans was made; in *Lower Gódávari*, in Polavaram range it is leased to contractors, the balance comes from Rampa for which permits are issued; in *Kistna*, permits were issued for stone and thorns, railways and municipalities were allowed to quarry at Rs. 5 per acre, babul gum was collected through the agency of a contractor for the Superintendent of Stationery, all other items were leased; in *Guntúr*, except soapnuts and 6,541½ lb. gum for the Superintendent of Stationery, which were collected departmentally, all items were leased to contractors; in *Kurnool East* and *West*, *Cassia auriculata* and *Cassia fistula* and amroy (mango, tamarind, etc., topes) were leased out, all other produce was collected departmentally by the Chenchus, amongst whom good progress is being made with the right of pre-emption in spite of the indifference of some of them; in *Bellary*, *Cassia auriculata* and *Cassia fistula* and babul pods were leased out, babul gum and, in Sandur forests, other produce were collected departmentally, the Public Works and Local Fund Departments were allowed to quarry stone and road metal; in *Anantapur*, permits were issued for manure leaves, thatch grass, stone and earth, and other items were leased.

Central Circle.—In *North Cuddapah*, the departmental collection, obtaining last year, was stopped and the produce leased out; in *East Cuddapah*, departmental collection was made in Pullampet range, in Badvel and Sidhout ranges it was leased; in *South Cuddapah*, it was collected departmentally; in *Nellore*, *Cassia auriculata* everywhere was leased, as was all other produce except in Sríharikóta where it was collected departmentally; in *Chingleput*, manure and palm leaves, stone and thatch grass were removed on permits, other items leased out; the Madras Harbour Trust Board were allowed to quarry in one reserve; in *North Arcot*, divi-divi in West Vellore range and all produce in Mamandur range were collected departmentally, permits were issued for manure leaves, and all other produce leased; in *South Arcot*, 902 lb. of gum was collected departmentally for the Superintendent of Stationery, all other produce leased; in *North Salem*, all produce was leased; in *South Salem*, 3½ maunds of gum for the Superintendent of Stationery and small quantities of tamarind and mangoes were collected departmentally, other items leased; in *Trichinopoly*, all produce was leased; in *Tanjore*, permits were issued for manure leaves in Point Calimere reserves, other produce leased.

Southern Circle.—In *South Canara*, catechu was manufactured departmentally, all other produce leased; in *North Malabar*, except for 5 leases, all produce was collected departmentally; in the *Nilgiris*, permits were issued for thatching grass, gravel, etc., and the remaining produce collected departmentally; in *North Coimbatore*, gallnuts, horns, honey, wax, gum and *Acacia concinna* are collected departmentally,

other items are leased or permits are issued for them; in *South Coimbatore*, in Udamalpet range produce was collected departmentally, elsewhere leased; in *Madura*, permits were issued for thatching grass, thorns, stone in reserves, and, in Cumbum range, manure leaves, all other items were leased out; in *Tinnevelly*, permits are issued for stone in one reserve, all other produce is leased.

(2) *Extraction of Fodder.*

32. *Northern Circle.*—The pasture lands of three taluks in *Lower Gódávari* were leased out as usual; in *Guntúr* application for cutting grass in the babul reserves being received, head-load permits were issued but only few required them; in *Kurnool East*, permits were issued for 7,626 maunds of fodder, a decrease of 40 per cent. on the year before owing to abundance of grass outside reserves; in *Kurnool West*, permits were issued as usual, but the amount extracted was only one fifth that of the previous year; in *Bellary*, permits were issued for fodder in two reserves, and three reserves were leased to the Military Grass Farm Department at Rs. 2 per ton of hay removed; in *Anantapur*, free removal of grass was permitted, but four waggons of hay were cut and removed by the Military Department.

Central Circle.—In all three divisions of *Cuddapah* free removal of fodder and thatching grass was permitted; in *Nellore*, permits were issued and a small amount was taken; in *Chingleput*, there was no demand in the closed areas owing to the season being favourable; in *North Arcot*, free removal of grass for domestic use was permitted in head-loads only; the Ammanur and Banavaram plantations have been leased for their hay to the Military authorities; in *South Arcot*, permits were issued for free removal, but in only three ranges was the privilege availed of; in *North Salem*, no advantage was taken of permission to remove fodder free; in *South Salem*, permits were issued but only small quantities taken; in *Trichinopoly* and *Tanjore*, no extraction was made.

Southern Circle.—In *South Coimbatore* and *Madura*, permits were issued for fodder grass.

(3) *Hay Making.*

33. During the year proposals were submitted to Government for collection and storage of fodder on a large scale throughout the whole of the *Bellary* district, partly for immediate use for local consumption and transport to Bangalore, partly for storage against years of scarcity as recommended by the Famine Commission; the matter was still under correspondence at the end of the year. Hay-making operations therefore continued in the Presidency more or less on an experimental scale.

Northern Circle.—In *Guntúr*, a Hay Superintendent was engaged and worked in Bollapalli reserve; the District Forest-officer undertook a small collection in Kondavid reserve, and the Range officers of Palnad and Sattenapalli made some very small collections; in all 579 tons 13 cwts. 99 lb. were collected and stored during the year in addition to 429 tons collected in previous years, of which 235 had to be written off, —leaving a total of nearly 774 tons. The cost of collection during the year was Rs. 2,778, or Rs. 4–12–8 per ton. Owing to the favourable season there was no demand by ryots, and only 113 tons of hay were sold to the Military Department which realized Rs. 3,375 or about Rs 30 per ton. In *Bellary*, only 41 tons of dried grass cut in the Bellary Reserve were carted to Bellary Hay Depot; and the grass on 970 acres of Molagavalli Reserve was also cut and stacked, but there was no demand for it; the cost of cutting, stacking, and carting grass to Bellary is about Rs. 10 per ton, and the sale rate there is Rs. 12–8–0.

Besides the above, in *Bellary*, 200 tons cut in Tornagal reserve were carted to Tornagal for feeding the Government bullocks; whilst in *Kurnool East*, 180 tons of hay was collected from grass in felled coupes near Diguvametta for feeding the Government bulls, which kept their condition well, almost entirely on this fodder; the cost of extraction being Rs. 798 or Rs. 4–6–11 per ton.

Central Circle.—In *Nellore*, small trials were made in the Kullarpad plantations, Nellore Working Circle, and two blocks of the Kavali working plan, the total output being 31 tons costing Rs. 146 or Rs. 4–6–4 per ton; the hay was said to be of typical colour and aroma, but no demand arose; in *Chingleput*, 11½ tons were collected at a cost of Rs. 52 or Rs. 4–8–10 per ton, but was not sold for want of demand; a press was received at the end of the year, and it was baled and will be sent to Madras; besides

this 19 tons of hariali grass were cut in a tank bed at a cost of Rs. 18; in *North Arcot*, 26 tons were collected in four ranges at a cost of Rs. 78, or Rs. 3 per ton, and 17½ tons were sold for Rs. 71 or just over Rs. 4 per ton; in *North Salem*, in Hosúr range 41 tons of hay were collected for Rs. 164, or Rs. 4 per ton, 16 tons were sold to the Remount Depot at Mathagiri for Rs. 264 or Rs. 16-8-0 per ton, but except for this and for Government bulls there was no demand; in *South Salem* no details of rates are given, merely a bare statement that hay was collected in all but two ranges, all collected in Salem West Range, was sold to the public, but none in the other ranges; in *Trichinopoly*, 5 tons were collected in three ranges at a cost of Rs. 38, or Rs. 12-10-8 per ton which were not sold, and two truck loads in Kulittalai range, costing Rs. 11 to collect and send to Trichinopoly, which were sold for Rs. 9.

Southern Circle.—In *North Coimbatore*, 80 tons were collected in two reserves of Erode range at a cost of Rs. 659, or Rs. 8-3-9 per ton; 4 tons of this were railed to Coimbatore to test the quality, which did not appear to be good.

Besides this, in the *Nilgiris*, in Segur range 720 maunds of hay were made at a cost of Rs. 202, or Rs. 7-10-8 per ton (if 82 lb. to the maund), for the use of Government bulls; whilst for the Government bulls in *South Coimbatore* guinea grass was planted at Méttupálaiyam, Punachi and Mount Stuart.

(4) *Grazing*

34. The following statement shows the revenue derived from "grazing and grass removals" during the year with that of the previous year:—

Circle.	1905-1906.	1906-1907.	Difference.
	RS.	RS.	RS
Northern Circle	2,45,938	2,50,619	+ 4,681
Central „	2,89,583	3,05,038	+ 15,455
Southern „	1,27,316	1,22,880	— 4,436
Total ..	6,62,837	6,78,537	+ 15,700

The Northern and Central Circles show an increase, and the Southern Circle a decrease, during the year compared with the figures of the previous year. The increase in the Northern Circle was chiefly in Guntúr, while that in the Central Circle in Nellore, Chingleput, North Arcot, and Tanjore. The increase in the districts of Guntúr, Nellore, Chingleput, North Arcot and Tanjore was due to better supervision and to favourable season; and the decrease in the Southern Circle was mainly in North Coimbatore due to want of supervision, cattle mortality and decrease in the number of cattle coming from Salem. There was a decrease in Kurnool East due to the absence of foreign cattle. In Nellore, Rs. 6,332 were realised under the "kancha system."

(*b*) AGENCY OF EXPLOITATION.

(i) *Departmental Agency.*

35. Forms Nos. 55 and 56 show separately the different classes of produce collected, and form 57 indicates the stock disposed of, and the balance on hand at the close of the year. The exploitation by departmental agency was necessary for conducting improvement fellings as prescribed in the working-plans, for reducing unregulated fellings in reserves, for demarcation and fire line clearings, and for the supply of fuel, etc., to railways, to sale depots established in many important places for the convenience of the public, to Government jails and other public departments. The total quantity of timber and fuel, the number of bamboos, and the value of the minor produce extracted departmentally were respectively 54·6, 15, 4·2 per cent. of their respective total outturn through all agencies; and the total value of the disposals of the year was Rs. 13,24,647 as compared with Rs. 9,73,722 in the previous year.

Transport was chiefly effected by country carts, ponies, coolies, drag bullocks and buffaloes, donkeys, railways and boats. Floating of timber, fuel and bamboos along the river was also resorted to in certain districts. The wood felled in the Bendamurlanka plantation, *Gódávari*, and in Sríharikóta, *Nellore*, was carried by monorail and tram respectively to canal boats. In *South Canara*, *South Malabar*, *North and South Coimbatore* timber felled was dragged by elephants to the river bank

or to the carting places. Timber from the Anaimalai hills, *South Coimbatore* was transported by tram, wire rope and country carts. In *Gódávari Lower*, a steam launch was purchased during the year partly for transport of forest produce from the *Upper Gódávari* down the river, but more especially for the proper administration of the river rules.

Timber.—The quantity of timber exploited was 555,629 cubic feet against 536,208 in the previous year, the increase occurring chiefly in *Kurnool East* and *West* and *South Coimbatore* partly counterbalanced by decrease in *Ganjám* and *South Canara.* The increase in *Kurnool East* and *West* was due mainly to the extraction of dead wood on a more extended scale for supply to depots, and in *South Coimbatore*, the work was undertaken departmentally as no contractor could be found. The decrease in *Ganjám* was due to the non-supply of agricultural implements as the inhabitants refuse anything but green wood, and in *South Canara*, a smaller quantity was extracted as there was a large balance of the previous years' timber in stock.

Fuel.—The amount of fuel removed departmentally was 12,544,480 cubic feet against 10,429,234 cubic feet in the previous year. The increase was chiefly in *Vizagapatam*, *Kurnool East*, *Bellary*, *Anantapur* and *Cuddapah North* and was also distributed over *Ganjám*, *Gódávari* (*Upper* and *Lower*), *Kistna*, *Nellore*, *Chingleput*, *North Arcot*, *Salem North*, *North* and *South Coimbatore.* Extended sales from depots accounted for the increase in all districts. This increase was partly counterbalanced by decrease chiefly in *Kurnool West* and *Madura.* The decrease in *Kurnool West* was due to a large balance of the previous year's stock, and in *Madura* to the South Indian Railway not having taken fuel.

Bamboos.—The number of bamboos extracted departmentally was 5,949,691 or 3,375,176 more than in the previous year. *Ganjám*, *Vizagapatam*, *Kurnool East* and *West*, *Salem* (*North* and *South*) and *North Coimbatore* mainly contributed to the increase owing to more extended departmental working of bamboo coupes for supply to depots.

Minor produce.—The produce collected was 154,273 maunds (of 25 lb.) against 131,364 maunds in the previous year, the increase occurring in all the circles under miscellaneous produce.

The supply of firewood and timber for agricultural implements to the rural population and to the ryots is detailed in Chapter V.

(ii) *By Purchasers.*

36. The prepayment permit system is reported to have worked satisfactorily in *Kistna*, *Bellary*, *South Cuddapah*, *Nellore*, *South Arcot*, *North* and *South Salem*, *Trichinopoly*, *Tanjore*, *Nilgiris* and *South Coimbatore* ; but in *South Arcot*, this system is confined to the issue of permits for grazing and manure leaves in reserves. In *Gódávari Lower*, the old permit system was reverted to, the face-value system being found unworkable. In *Bellary* the check and recovery of permits issued was not satisfactory. As regards reserves in Bellary, the permit system has been abolished except for grazing and for bamboos in Sandúr. In *Guntúr*, as an exception permits were issued in two ranges for removal of palmyra trees. Considerable progress continued to be made during the year in the replacement of the permit system by located fellings in coupes worked through contractors or departmentally. The removals on permits continue in *North Coimbatore* in all ranges (except one) in localities where sale depots have not yet been established. The total value of sales was Rs. 6,33,812 from major produce including bamboos and Rs. 14,14,330 from minor produce, showing an increase of Rs. 38,654 and Rs. 1,10,439 respectively over the actuals of the preceding year. The increase under major produce was distributed chiefly over *Gódávari Upper*, *Guntúr*, *Kurnool West*, *Nellore*, *Salem* (*North* and *South*), *South Arcot*, *South Canara*, *Madura* and *Tinnevelly* and was due to larger removals of windfalls in *Upper Gódávari* and *Tinnevelly*, to issue of permits for removal of palmyra trees for building purposes in *Guntúr*, to sale of young diseased plantations in *Nellore*, to larger amount realized from sale of trees on darkhast lands in *Kurnool West*, *Salem* (*North* and *South*) and *Madura*, to sale of fuel coupes to contractors in *South Arcot* and *Trichinopoly*, to sale of a casuarina coupe and increased working of sandalwood-oil stills in *South Canara*, and to leasing out of a larger area of bamboos in *South Coimbatore* than in the previous year.

The increase in minor produce arose chiefly in *Kurnool East*, *Cuddapah South*, *North Arcot*, *Salem North*, *North Coimbatore*, *Madura* and *Tinnevelly*. The increase in *Kurnool East*, *Cuddapah South*, and *North Arcot* was due to larger amount offered chiefly for tanning barks; in *Salem North*, due to a portion of the amount of contract of 1907–1908, and in *Tinnevelly* that of 1905–1906, having been credited during the year, in *North Coimbatore*, due to leasing the collection of soapnuts and tanning or dyeing barks; in *Madura*, to larger removals of green manure leaves especially in the tracts affected by the Periyar, and leasing of quarries on unreserved lands.

The sales of confiscated produce are recorded in Form No. 72-B and show a decrease of Rs. 3,560 over the amount realized in the previous year. This was due chiefly to *Gódávari Lower* and to *South Canara* showing no special items during the year, as they did last year.

(iii) *Rights and Privileges.*

37. The following abstract statement shows the estimated quantity and value of produce removed under this head :—

—	Timber.		Fuel.		Bamboos.		Minor produce.	Grazing.	Total value.
	Cubic feet.	Value.	Cubic feet.	Value.	Number.	Value.	Value.	Value.	
		RS.		RS.		RS.	RS.	RS.	RS.
Northern Circle	1,311	97	257,510	4,825	20,489	115	38,950	1,309	45,296
Central ,, ...	..	..	..	..	..	..	..	* 700	700
Southern ,, ...	89,630	29,773	38	2	1,225	3	* 27	* 874	30,679
Total ..	90,941	29,870	257,548	4,827	21,714	118	38,977	2,883	76,675

* These figures are those given in the Collector's reports. The variations between these figures and those given by them in Form No. 56 have not been explained.

The value of produce removed under rights and privileges is estimated at Rs. 76,675 against Rs. 84,657 in the previous year.

(iv) *Free Grants.*

38. The following abstract shows the quantity and value of produce removed by free grantees :—

—	Timber.		Fuel.		Bamboos.		Minor produce.	Grazing	Total value.
	Cubic feet.	Value.	Cubic feet.	Value.	Number.	Value.	Value.	Value.	
		RS.		RS.		RS.	RS.	RS.	RS.
Northern Circle	41,805	3,757	..	..	45,525	237	340	† 3,167	7,501
Central ,, ...	31,919	3,930	200	12	84,883	471	157	† 47	4,617
Southern ,, ...	8,677	2,784	8,285	563	1,870	19	215	† 95	1,376
Total ..	82,401	10,471	8,485	575	132,278	727	712	3,309	15,794

† These figures were those given in the Collector's reports. The variations between these figures and those given by them in Form No. 56 have not been explained.

The estimated total value of the free grants was Rs. 15,794 against Rs. 14,970 in the previous year No grants were issued in *Anantapur*, *Tanjore*, *North* and *South Malabar*, and *Madura*. In other districts the grants were made chiefly to poor ryots for rebuilding houses and huts destroyed by fire, more especially in *Gódávari* (*Lower* and *Upper*), *Nellore* and *Trichinopoly*; while in *Guntúr*, large grants were made to persons whose houses had been destroyed in the disastrous flood in Musi, Paleru, and Gundlakamma rivers. In *Cuddapah South*, a free grant was made in one case to construct a chavadi for public purposes. In *Gódávari Upper*, Rs. 142 worth of materials were given to the Revenue Department for the construction of some rest-houses. In *South Canara*, Rs. 991 worth of timber and stones for the repairs, etc., of temples and other religious institutions, mostly however from Kumaki lands and therefore not strictly free grants. In *South Coimbatore*, a free grant of fuel was made to a famine kitchen for cooking food. In *South Arcot*, in few cases free grants were made for bridging channels.

(c) OUTTURN AND SOURCES OF FOREST PRODUCE.

39. The following abstract shows the total outturn of timber and other produce collected during the year under report and the previous year from reserved forests and from reserved and unreserved lands :—

(*Forms Nos.* 55, 56 *and* 72-*b*.)

Agency of exploitation.	Timber in cubic feet, including sandalwood.		Fuel in cubic feet.		Bamboos in numbers.		Minor produce (including grass and grazing); gross value in rupees.	
	1905-1906.	1906-1907.	1905-1906.	1906-1907	1905-1906.	1906-1907.	1905-1906.	1906-1907.
1	2	3	4	5	6	7	8	9
By Government agency ..	536,208	555,629	10,429,234	12,544,480	2,574,515	5,949,691	55,877	63,977
By purchasers (including confiscation)	1,833,361	1,884,715	9,354,459	8,626,430	29,238,058	33,200,710	13,05,281	14,15,146
By right holders	97,715	90,941	257,561	257,548	22,089	21,714	41,027	41,553
By free grants	95,877	82,601	3,406	8,285	249,024	132,278	559	746
	2,563,161	2,613,886	20,044,660	21,436,743	32,083,686	39,304,393	14,02,744	15,21,422

The results show an increase in all the major produce as well as in the minor produce. These variations have already been explained.

The rates of grazing fees levied in the several districts are shown in Form No. 53. The number of animals licensed to grazing on payment was 3,707,691 against 3,521,895 in the previous year.

CHAPTER III.—FINANCIAL RESULTS.

40. The financial results of the Presidency compared with those of the previous year and with the average of the five years preceding show a net increase of Rs. 1,44,006 and Rs. 90,889 respectively.

—	Years.					Average per year.	1905-1906.	1906-1907.
	1900-1901.	1901-1902.	1902-1903.	1903-1904.	1904-1905.			
Revenue.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Northern Circle	7,79,146	8,86,581	8,64,915	8,94,216	9,61,129	8,77,197	10,42,252	11,30,083
Central ,, ...	9,34,847	10,22,586	10,17,632	10,01,313	10,62,715	10,07,819	10,79,938	13,08,274
Southern ,, ...	7,29,780	5,87,327	7,10,232	7,95,042	8,06,698	7,25,816	9,14,702	10,12,376
Total ..	24,43,773	24,96,494	25,92,779	26,90,571	28,30,542	26,10,832	30,36,892	34,50,733
Expenditure—"A. Conservancy and Works."								
Northern Circle	2,13,108	2,31,660	2,55,084	2,91,822	3,85,279	2,75,391	4,78,135	5,93,938
Central ,, ...	2,76,620	3,20,428	2,92,415	2,56,418	3,10,950	2,91,366	3,43,121	4,43,729
Southern ,, ...	3,86,322	3,35,137	4,24,886	3,89,481	4,81,924	4,03,530	5,58,575	5,51,070
Total ..	8,76,050	8,87,225	9,72,385	9,37,721	11,78,153	9,70,287	13,79,831	15,88,737
Expenditure—"B. Establishments."								
Northern Circle	2,57,146	2,58,497	2,59,801	2,80,763	2,93,777	2,69,997	3,16,403	3,57,852
Central ,, ...	3,14,479	3,10,844	3,10,342	2,94,846	3,04,821	3,07,066	3,06,048	3,21,934
Southern ,, ...	2,90,515	2,89,555	2,84,027	2,79,095	3,07,729	2,90,184	3,14,449	3,18,043
Total ..	8,62,140	8,58,896	8,54,170	8,54,704	9,06 327	8,67,247	9,36,900	9,97,829
Total of A and B.								
Northern Circle	4,70,254	4,90,157	5,14,885	5,72,585	6,79,056	5,45,387	7,94,538	9,51,790
Central ,, ...	5,91,099	6,31,272	6,02,757	5,51,264	6,15,771	5,98,433	6,49,169	7,65,663
Southern ,, ...	6,76,837	6,24,692	7,08,913	6,68,576	7,89,653	6,93,734	8,73,024	8,69,113
Total ..	17,38,190	17,46,121	18,26,555	17,92,425	20,84,480	18,37,554	23,16,731	25,86,566
Net results.								
Northern Circle	+ 3,08,892	+ 3,96,424	+ 3,50,030	+ 3,21,631	+ 2,82,073	+ 3,31,810	+ 2,47,714	+ 1,78,293
Central ,, ...	+ 3,43,748	+ 3,91,314	+ 4,14,875	+ 4,50,049	+ 4,46,944	+ 4,09,386	+ 4,30,769	+ 5,42,611
Southern ,, ...	+ 52,943	− 37,365	+ 1,319	+ 1,26,466	+ 17,045	+ 32,082	+ 41,678	+ 143,263
Total ..	+ 7,05,583	+ 7,50,373	+ 7,66,224	+ 8,98,146	+ 7,46,062	+ 7,73,278	+ 7,20,161	+8,64,176

The gross receipts were Rs. 4,13,841 more than that of the previous year and the total expenditure was greater by Rs. 2,69,835. The net results show a surplus of Rs. 8,64,167. In the Northern Circle, the surplus fell from Rs. 2,47,714 to Rs. 1,78,293, while profits in the Central Circle have risen from Rs. 4,30,769 to Rs. 5,42,611, and in the Southern Circle from Rs. 41,678 to Rs. 1,43,263.

The total receipts for the year rose by 13·63 per cent. and the total charges by 11·65 per cent. About 33·7 per cent. of the expenditure was devoted to the upkeep and improvement of the forests and 47·1 per cent. to exploitation or, including in the latter live-stock, stores, tools and plant, which is almost entirely required for the exploitation, 56·3 per cent. These percentages are not equally proportioned amongst the three circles, as can be seen from the following figures—

—	Improvement.	Exploitation	Exploitation and stock.
Northern Circle	40·6 Per cent.	43·7 Per cent.	47·3 Per cent.
Central Circle	28·5 "	57·7 "	60·2 "
Southern Circle	33·7 "	47·1 "	56·3 "

and, because it is believed that the proportion of the upkeep and improvement should be more equally balanced with that of the exploitation in the present depauperated condition of the forests, it is that the surplus in the Northern Circle has during the past few years been materially diminishing.

It will be observed from Form No. 58 that the value of timber and other produce at sale depots at the close of the year amounted to Rs. 5,39,378 which was Rs. 25,407 less than what it was at the close of the previous year.

The outstanding revenue at the beginning of the year was Rs. 1,75,669 (Rs. 1,75,957 — Rs. 288 on account of the cancellation of contract, etc.); and the value of sales, etc., during the year amounted to Rs. 36,24,283. Out of the total of Rs. 37,99,952, Rs. 34,25,617 were collected and Rs. 25,289 written off, leaving an outstanding balance of Rs. 3,49,045 at the close of the year. The variations under the several budget heads of revenue and expenditure during the two years 1905–1906 and 1906–1907 are explained below :—

Receipts.

(i) *By Departmental Agency.*

Timber + Rs. 1,52,027—Due mainly to increased sales in depots in Kurnool East and West, to the sale of miscellaneous timber in North Malabar, of old stock of timber from Beypore depot in South Malabar, and of some blackwood in North Coimbatore, and to the supply of timber to the Agricultural Farm in South Coimbatore.

Fuel + Rs. 1,70,354—Due to the opening of fuel depots at convenient centres in several districts, to the supply of fuel from Kurnool East to Guntúr, Bellary and Anantapur districts, and to the supply of fuel to the Nilgiri Railway and Commissariat Department in the Nilgiris.

Bamboos + 57,274—Due mainly to increased sales in Kurnool West, and to the supply of bamboos from Kurnool East to Guntúr, Bellary and Anantapur districts, and to the introduction of departmental operations in North Coimbatore and South Salem.

Sandalwood — 32,377.—Due mainly in North Coimbatore to crediting part of this year's revenue in the previous year, and to an arrangement made with Messrs. Peirce, Leslie & Co., to deliver sandalwood at the close of the year.

Minor produce + 3,647—Due chiefly to the sale of a large quantity of minor produce in Kurnool East.

(ii) *By Purchasers.*

Timber + 14,136—Due mainly to the large quantities of wind-fall removals from the reserves and unreserves in Upper Gódávari.

Fuel + 4,141—Due to better realizations of value of trees on darkhast lands in Kurnool West, and sale of dead casuarina trees outside the working circles in South Arcot.

Bamboos — 40,454—Due mainly in Gódávari Lower to the stoppage of permits and the departmental working not being properly developed owing to the frequent changes of District Forest-officers, and in the Nilgiris to less demand, and in North Coimbatore due to the stoppage of issue of permits consequent on the introduction of departmental operations.

Grazing and Fodder grass + 15,700—Due to better supervision in the Northern and Central Circles.

Other produce + 42,447.—The increase is mainly due to better prices realized for tanning barks in the three divisions of Cuddapah, which in the Southern division were leased out for three years and revenue realized; and indeed throughout the Ceded districts there has been a large increase in the value of this produce owing to the tanneries in Mysore, closed down by the prohibition of the transport of hides during the early years of plague, now being reopened with increased vigour because it is found that the export of raw hides to America, which during the same period was largely developed, is not giving satisfaction; due also to sale of last year's produce credited during the year in Salem South, improvement in the sale of miscellaneous produce leases and collection of seigniorage on road metal in South Canara, and larger removals of manure leaves from reserves in Madura.

(iii) *Miscellaneous (including confiscated drift and waif wood).*

Revenue + 32,993.—Chiefly due to collection of arrear kumari revenue and to increased compensation levied under kumaki rules in South Canara, and to increased revenue under compounding fees chiefly in Guntúr, Bellary, Tanjore, Trichinopoly, South Salem, Madura and Tinnevelly.

EXPENDITURE.

A.—Conservancy and Works.

The total expenditure exceeds that of the previous year by Rs. 2,08,906 and is due mainly to the following causes—(1) increased departmental operations necessitating increased expenditure under head I in several districts, (2) due to feed and keep of a larger number of elephants and cattle in the Southern Circle, (3) construction of roads in Gódávari Upper, South Coimbatore and Madura, (4) construction of new buildings in Bellary, (5) sowing and planting operations in Kurnool West, Kistna and Nilgiris, (6) fire protection in Upper Gódávari and Bellary.

B.—Establishment.

The increased cost of Rs. 60,929 was due mainly to (1) increased rates of salary sanctioned for Conservators, (2) the introduction of the time scale pay to officers of the Imperial Service, (3) formation of additional forest divisions in the Northern and Central Circles, (4) promotion of rangers, (5) additional rangers sanctioned, (6) entertainment of additional establishment mostly in the Northern Circle, (7) grant of annual increments to members of the office establishment.

CHAPTER IV.—ADMINISTRATION.

41. *New District Forest-office charges.*—From the 1st July 1906, commencement of the Forest year, the *Gódávari* district was divided into two forest charges, *Upper and Lower*, with head-quarters respectively at Kunavaram and Cocanada. During the year the three Cuddapah divisions were re-distributed; the *West* division was renamed *South* with head-quarters retransferred to Madanapalle; Badvel Range was transferred from *North* to *East*, and Proddatur, Cuddapah and Ráyachóti Ranges were transferred from *East* to *North*. The management of the Parlákimedi Agency forests and of the Chondragiri Maliah forests in Ganjám, comprising an area of some 500 square miles, is still under consideration.

New Ranges.—In the Northern Circle, Government sanctioned six new ranges during the year; four plateau ranges in the Kurnool-Nallamalais, two in each division; two in *Bellary*, the Sandur leased forests being put into a separate range, and the Bellary and Hospet Ranges being redistributed into three, namely, Rayadrug, Bellary and Hospet. In *Ganjám*, the Pondakhol Agency was sanctioned as a separate range. The formation of two more ranges in Goomsur, the Chondragiri Maliahs as a separate range, and the division into ranges of the Parlákimedi Agency are all under consideration. In the Central Circle, the division of Tanjore district into two ranges was under discussion during, but has been sanctioned since the end of, the forest year.

42. *Conduct of the executive establishment.*—The Conservator, Southern Circle, says: "on the whole the work of the executive staff is slowly improving, but want of establishment prevents thorough enforcement of discipline, and men escape suspension simply because there is nobody to take their place, and work must be carried on." This applies to the whole Presidency and especially to the Ranger class. The want of establishment is due to the following causes: (1) the code provides that no temporary appointments can be made in the class of Rangers, and that Rangers can only be appointed, except in rare cases, from men who have obtained the proper certificate from Dehra Dun College; (2) the want of foresight in not deputing larger numbers of men to Dehra Dun in former years; (3) want of foresight in not obtaining sanction for a larger number of Deputy Rangers in former years to meet requirements when settlement and demarcation approached completion; (4) the increased number of ranges, and of special works requiring Rangers, combined with an increased amount of sickness owing to harder work more in the centre of the forests; (5) the inferior standard of many of the Rangers appointed in previous years, and the difficulty of obtaining suitable recruits, owing to the unattractive career and low pay compared with the life and with the pay obtaining in other departments. The conduct of establishment is referred to in detail below:—

Northern Circle.

Prosecutions.—One Deputy Ranger (Guntúr) sentenced to two years' regorous imprisonment under section 409, Indian Penal Code.

Removed from service.—One Ranger (Upper Gódávari); two Deputy Rangers (one Ganjám, one Guntúr).

Reduced.—Three Rangers (two Ganjám, one Bellary); two Deputy Rangers (Bellary).

Suspended.—One Ranger (Guntúr, suspension order afterwards concelled); one Deputy Ranger (Ganjám).

Work condemned.—Four Rangers (one Upper Gódávari, two Guntúr, one West Kurnool); two Deputy Rangers (one Vizagapatam, one Upper Gódávari).

Work fair to good amongst Range officers.—Rangers seventeen ; Deputy Rangers twelve.

Specially commended.—Rangers S. Ramaswami Aiyar (Ganjám), Sheik Rahimatulla (East Kurnool), E. Crothers, Thambu Naidu (Bellary), A. Hanumantha Row (Anantapur); Deputy Ranger, N. L. Narasimham (Ganjám).

Central Circle.

Removed from service.—One Deputy Ranger (South Arcot).

Reduced.—Two Rangers (one Nellore, one Chingleput); two Deputy Rangers (one North Arcot, one South Arcot).

Suspended.—Three Rangers (one South Cuddapah, two South Arcot).

Work condemned.—Sixteen Rangers (one South Cuddapah, two Nellore, two North Salem, one South Salem, five Trichinopoly), three Deputy Rangers (one East Cuddapah, one South Cuddapah, one South Salem).

Work fair to good amongst Range officers.—Thirteen Rangers.

Specially commended.—Rangers S. Vasudeva Reddi (East Cuddapah), J. A. Aranha (North Salem), Tiruvenkatachari, Devadasan (South Salem).

Southern Circle.

Information in district reports very meagre.

Removed from service (including resignations).—One Ranger (Madura), Two Deputy Rangers (North Coimbatore).

Reductions.—One Ranger (South Coimbatore).

Work said to be unsatisfactory:—Tinnevelly.

Work said to be good on the whole.—South Malabar, Nilgiris, South Coimbatore.

Information not given.—Madura, North Malabar, North Coimbatore.

43. *Protective staff.*—The conduct of this branch is said to be satisfactory in North Cuddapah and Chingleput, improving in Madura and South Coimbatore, unsatisfactory elsewhere and worse than ever in Trichinopoly.

Prosecutions.—*Guntúr*, three guards, one fined Rs. 150 for extortion, other cases pending.

Kurnool East, one guard and one watcher sentenced to three months' rigorous imprisonment and fine of Rs. 10 each for fabricating false evidence.

Bellary, one Forester for misappropriation acquitted, one forest guard under section 409, Indian Penal Code pending.

South Cuddapah, one guard sentenced to one month's rigorous imprisonment and fine of Rs. 10 for extortion; one watcher, one range peon, one fire patrol, one ranger's private servant convicted of illegal seizure and extortion, sentence not stated.

Nellore, two Forest guards and one watcher all acquitted in first instance or on appeal; one watcher sentenced to four years' rigorous imprisonment for highway robbery.

South Arcot, one watcher sentenced to three months' rigorous imprisonment for extortion.

Madura, one guard sentenced to six months' rigorous imprisonment and Rs. 10 fine for concoction of a case; one guard sentenced to fine of Rs. 60, plus Rs. 5 compensation to the Forest Department, for abetting forest offences.

Foresters: said to have worked fairly well on the whole; removals 12 (including two resignations and one found physically unfit); suspensions seven.

As far as can be ascertained from district reports, 62 Forest guards were removed, 23 reduced, 75 suspended, 4 promoted to Foresterships; whilst amongst watchers and other subordinates, only 13 divisions furnish any information, wherein 96 were removed and 61 suspended.

44. *Ministerial establishment.*—As a whole the conduct of ministerial establishments is satisfactory; with the development of the forests, the clerical work is becoming both heavier and more arduous yearly; and in some cases, the higher grade clerks especially, have risen well to the occasion. The question of reorganization is under consideration and it is hoped that the defect will be remedied. It must be remarked, however, that in the Northern Circle it is impossible to procure the same standard of clerk as obtains further south for the same pay; education in the north is far behind hand, and a clerk with the ordinary attainments of one in the south is consequently at once snapped up in a higher appointment than he could obtain with the same qualifications in the south. For this reason, the *Bellary* office, classed as a third-class one, although the work is quite that of a first-class one, is and has been for many years in a deplorable state; similarly, the third and fourth clerks in *Ganjám* are reported to be very poor hands. In *Kurnool East*, *Bellary* and *Tanjore* the head clerk was removed; in the first district a second clerk was suspended; two clerks were added in the last named office; in *Cuddapah East* four out of the six clerks were ill and on leave for long periods, and, as the result, in June the head clerk collapsed from overwork. In *Lower Gódávari*, the checking officer at Polavaram was removed, but afterwards reinstated on forfeiture of Rs. 25 of his security deposit; in *Guntúr* and *North Arcot* a range clerk was suspended; in *South Arcot* additional clerks were added to the taluk offices to attend to forest work.

45. *Health of the establishment and Casualties.*—The year was a most unhealthy one, chiefly owing to a malignant form of malarial fever and cholera, and amongst the subordinate establishment there were, from these causes, 13 deaths in the Northern, 12 in the Central and 11 in the Southern, Circles. In the Northern Circle in *Ganjám*, *Vizagapatam*, *Upper* and the northern ranges of *Lower Gódávari*, *East* and *West Kurnool*, hardly one of the subordinates escaped, some very nearly died, and, generally, very nearly half the establishment had to take leave. In the Central Circle throughout the Cuddapah district, in Sriharikota in Nellore, in the Javadis of North Arcot, Tenmalais of South Arcot and Pachaimalais of Trichinopoly, it was very similar; and there was much fever and cholera amongst the subordinates in all districts in the Southern Circle except Madura and Tinnevelly. Amongst the controlling officers too, there was much sickness; in the Northern Circle, Mr. Ananda Row, a valuable Extra Assistant Conservator, died in Kurnool; and no less than eight officers were compelled to

take leave on medical recommendation before, and two just after, the close of the year; whilst in the Southern Circle, two officers were similarly granted leave. The result in the Northern Circle was that Provincial Service officers were placed in charge of no less than in five out of ten divisions, in many cases far beyond their capabilities; indeed even in Vizagapatam, Mr. Murray, an officer of the Imperial Service, almost weekly complained of the difficulties which he encountered in carrying out what he was expected to do. Besides the deaths and sickness from fever and cholera, there were six other casualties. Two guards were murdered, one in *Lower Gódávari* (which is being investigated) and one in *Tinnevelly* when trying to put a stop to illicit grazing. A Range peon was shot by accident, and a watcher was killed by a falling tree, both in South Salem. A District Forest-officer's clerk died of carbuncle in *Nellore*; and a Ranger died of brain complaint in Madura.

46. *Relations between Revenue and Forest officials.*—The relations were in every district reported to be cordial between the Revenue and Forest officials, except in *Cuddapah*; in this district the Ranger of Kadiri is said to have caused some friction by being over zealous. In only three cases at jamabandi were complaints received; in *Cuddapah*, the disafforestation of Kutagulla reserve was demanded and the question is under consideration; in Chingleput the rates for fuel were said to be too high, and were reduced; in Trichinopoly some grievances about manure leaves are being enquired into. District Forest-officers had numerous personal interviews with the Revenue Officers, and Range officers attended the jamabandi camps, whenever deemed necessary.

47. *Service books.*—These are maintained and verified in all districts, except a few in *Bellary* which are now being attended to.

48. *Tours of the Forest Member.*—The Forest Member made tours in the following districts:—*The Hon'ble Mr. C. J. Weir* (in charge from 1st July 1906 to 17th April 1907); Coimbatore from 10th to 24th August; Kurnool from 3rd to 10th September; Coimbatore and the Nilgiris, 22nd September to 7th October; Nellore, 9th to 19th December. *Mr. R. H. Shipley* (in charge from 18th April to 30th June 1907), Coimbatore, 24th to 29th May.

49. *Conservators' inspections.*—The Conservators inspected all divisions except the new Upper Gódávari, which is to be inspected shortly; and all district Forest offices except in the *Northern Circle*, *Bellary* (since inspected) and *Upper Gódávari*; in the *Central Circle*, *Tanjore*; *Cuddapah* was inspected before the partition, not since.

50. *Touring of the District Forest-officers.*—More than six months were spent in camp by all District Forest-officers except *Nilgiris* (exempted from this rule) and *Guntúr*; the case of the latter is about to be enquired into as the Collector considers excuses put forward are not justified.

51. *Inspection of Range offices.*—In each of the districts of *North* and *South Malabar* one range office was not inspected at all; the two divisions were for almost the whole time under one officer, who was engaged in urgent work elsewhere. In *North Salem*, Hosur—twice inspected—is the only range office mentioned. With these exceptions all range offices were inspected at least once, mostly twice, and in one or two cases, thrice during the year. Several depots were also inspected; but the question of having special depot Inspectors is now under consideration by the Board and Government.

52. *Audit of accounts of District Forest offices.*—With the exception of the new offices of *Upper Gódávari*, *North Cuddapah* and *South Cuddapah*, inspecting officers from the Accountant-General's office audited the accounts of all the District Forest-offices, and the results were reported generally to be satisfactory, except in the case of *Guntúr*, which has been separately dealt with.

53. *Imperial Forest College, Dehra Dun.*—During the year four Government students from the Northern, one Government and two stipendiary students from the Central, and one Government and 2 stipendiary students from the Southern Circle were deputed for training to the Dehra Dun College; one Ranger was sent from the Southern Circle for the third year's course. One student returned with a Ranger's certificate to each of the Central and Southern Circles; one from the Central Circle also returned having failed to obtain a certificate. Of four students sent last year from

the Central Circle, two were removed as they were insufficiently promising and failed to obtain 45 per cent. of the aggregate marks. The entrance examination has now been altered from October to August in order to give more time for preliminary arrangements after the results of the examination are known.

54. *Forest training school at Coimbatore.*—Of nineteen students who attended the session commencing in April 1906, and of 21 that commencing in October 1906, only seventeen secured certificates in each case. Proposals for lengthening the session and also for the curriculum for guards classes for promotion to the two highest grades and to the class of foresters, both at Coimbatore and at Sandur in Bellary, are now before Government.

55. *Work and services of Superior officers.*—In the *Northern Circle*, the Collectors of Gódávari, Kurnool and Bellary write eulogistically of the work of Messrs. Rego, Rama Row, Ananda Row (deceased), G. W. Thompson (lent to Jeypore estate) and Woutersz. In respect of Mr. Ananda Row, the Collector says: "It is to be noted here with great regret that Mr. P. Ananda Row, Extra Assistant Conservator and Sub-Divisional officer, Yerramalais, died just at a time when he was to bring the Yerramalais into proper working as per his working-plan. He was an excellent, tactful and painstaking Forest-officer"; the Conservator endorses this opinion of his character, and considers that his death has caused a great loss to the department. Of the other officers, Messrs. Cox and Bennett in Ganjám, Messrs. Wood and Aswatham Nayudu in Kurnool, Mr. Cowley-Brown in Bellary and Mr. Barlow-Poole in Anantapur carried on their good work. Mr. Hearsey's work in Guntúr was not satisfactory. In the *Central Circle*, the Collectors of Cuddapah and North Arcot both applaud the work of Mr. Saiyid Burhan-ud-din Sahib, which the Conservator Mr. Brasier cordially endorses; the Collector of Nellore commends Mr. Nallaswami Nayudu very highly; the Collectors of North Arcot, South Arcot, Trichinopoly and Tanjore appreciate the work of Messrs. Battie, Peake and Thornton, respectively. In the *Southern Circle*, no Collectors mention the work of their District Forest-officers, but the Conservator says: "The work of all officers has been satisfactory, but progress has been hampered by want of establishment."

Mr. Seaton Winton resigned his appointment in March.

Saiyid Burhan-ud-din Sahib, Khan Sahib, Extra Assistant Conservator of Forests, and M.R.Ry. Rao Bahadur V. Alwar Chetty Garu, Extra Deputy Conservator of Forests (lent to Cochin State as Conservator of Forests), received their titles during the year; whilst M.R.Ry. Rao Sahib M. Rama Row Avergal, Extra Deputy Conservator of Forests, received his just at the very close of the year preceding.

A considerable amount of time of the Forest Member of the Board and Conservators, Central and Southern Circles, was spent over the revision of the Forest Code during the year.

CHAPTER V.—GENERAL.

(*a*) Rules under the Forest Act.

56. *Timber transit rules*—35.—No reference is made to them in the districts of *Vizagapatam*, *Anantapur*, *Nellore*, *Chingleput*, *South Arcot*, *North Malabar*, *Nilgiris*, *North Coimbatore* or *Tinnevelly*; and there are none, and none wanted, in *Tanjore*; in *Kistna*, *East* and *West Kurnool*, *Cuddapah* (all three divisions), *North* and *South Salem*, *North Arcot*, *Trichinopoly*, *Madura* and *South Coimbatore* they are reported to be working satisfactorily; in *Ganjam*, as reported last year, they are said to be useless, but the District Forest-officer has been asked to send in a separate report. In *Guntúr* they are said to want revising, but this is doubtful as they are working well in *Kistna*, and the rules were framed for the whole of the old Kistna district. Government has recently sanctioned revised rules for the two *Gódávari* divisions, but has refused to sanction the draft rules for *Bellary*. In *Trichinopoly*, there are a few minor complaints which are being investigated; in *North Arcot*, they are said to require extending. In *South Coimbatore*, three new tannahs to check adjacent private forests were sanctioned. In *South Malabar* no revised or new rules were sanctioned.

57. *Rules under section 26 of the Forest Act.*—All Collectors report that the privileges under the sections are known, are availed of, are not complained of, and are not abused, with the following exceptions. In parts of *South Arcot* and *Trichinopoly* the privileges are not known; in the former district ryots sometimes write for permissions to avail themselves of the privileges sanctioned; in the latter district also there was a complaint that the privilege of removing certain kinds of trees had been withdrawn. Abuses are reported from *West Kurnool*, *North* and *East Cuddapah*, *South Salem*, *North Arcot*, *North* and *South Coimbatore*; in the first, these were quickly stopped; in the next three districts, 25, 6 and 285 cases, respectively, of unauthorised fellings were brought to light by Revenue officials, and of the last figure 200 were compounded or prosecuted, 76 withdrawn, and in 9 cases the village officers were held responsible; in *North Arcot*, as the practice of felling firewood in unreserved lands and selling it was continued, the Conservator, Central Circle, suggests that the Tahsildars should be directed to put a stop to this practice; in *South Coimbatore* a larger number of offences were reported by village officers who pay more attention than formerly to the protection of tree growth on unreserved lands. In *Malabar* the area of Government land is so small that the rules are of but little importance; but 6 small blocks, varying from 2 to 404 acres of well-wooded escheat lands in Walluvanad taluk of *South Malabar* are retained as unreserved lands to meet the demands of neighbouring villages. In *Nellore*, the Board having objected to Divisional officers usurping the functions of the Forest-officers in disposing of cases, the practice terminated with the Forest year.

58. *Other rules.*—In *South Canara* Government have approved of the kumaki rules being published under section 26 of the Act instead of under section 35. In the same district, proposals are before the Board to charge seigniorage rates by the cubic foot instead of a stump fee. In *Vizagapatam* the Collector has been authorised to fix and notify from time to time the rates of seigniorage to be charged by the Vizianagram estate upon its forest produce so as to avoid clashing with Government rates.

(*b*) Supply of forest produce to meet the wants of the people.

59. *Development of the coupe and depot system.*—In the Northern Circle the permit system has been abolished, except for grazing and minor items, in all districts except Ganjám, Upper Gódávari, and to a certain extent Lower Gódávari; in the Central Circle except *South Cuddapah*, *Tanjore* and parts of *Trichinopoly*; and, except that no mention is made of the subject in the *Nilgiris* and in *North Coimbatore*, in all districts of the Southern Circle. In the two divisions of *Malabar* no special steps were taken to meet these wants owing to the large extent of private forests; the same might be said of *Ganjám*, only unfortunately the permit system has held sway for many decades, and as Government have been competing with the low rates charged by the private forest owners who are reckless of the future of their forests, it is now difficult to put a stop to the permit system and obtain reasonable rates by other sales; however, a move has been made in this direction firstly by stopping all permits for timber in the reserved forests, meeting the demand by timber dealers by indents for from 5 to 100 trees over 4 feet girth, (duly marked, sealed, measured up and paid for before removal), partly in the reserved forests (subject to certain restrictions in order not to damage the forests) and partly from unreserved lands; secondly, by issuing permits for *bonâ fide* local consumption for timber on small quantities in unreserved lands; permits for firewood and bamboos still obtain, but Government has been asked to impose higher rates in the reserved forests, and 13 fuel coupes and 6 bamboo coupes, with depots to suit, have been started. In *Upper Gódávari*, the forests are at present so inaccessible that the permits issued are almost entirely for local consumption; and not many of them, as the Koyas and Reddis can take pretty well what they want free of charge from the unreserved lands. In *Lower Gódávari*, the transition period is on; a large number of private forests prevent large sales except in bamboos which are about to be worked departmently, and permits are issued for the small local consumption; but nine depots—four new ones this year—have been opened. In *South Cuddapah*, likewise somewhat remote, and *Tanjore*, with practically no forest, the permit system still holds good; but in the former depots at Madanapalle and Kadiri, and in the latter

a depot at Tanjore (depots at Kumbakónam and Negapatam are also shortly to be started) have been organized, and are much appreciated. In different districts, there is almost every form of transaction between doing the work of felling and extraction by departmental agency to doing it entirely by outside agency. It can be readily understood that after half a century of absolute mutilation under the permit system, if the forests are to be preserved and improved, the very greatest caution must be observed at the present time to break this *mamul* and to introduce systematic and workman-like fellings; and for this reason it is in most places difficult, and indeed would be an unsound policy, to permit contractors or outside agency to undertake at least the fellings; and moreover the supervision of such persons at the present juncture would generally be just as onerous, and more likely to lead to corruption, than the supervision of departmental coolies. There can be not the slightest doubt about the soundness of the principle of giving over the whole of the work to contractors or outside agency except in so far as local conditions prohibit it; and unfortunately, for the reasons given above, in the majority of places local reasons *do* prohibit it; and it is not justifiable to assume that because it can be done perfectly well in one or two localities in the Presidency, that it can be similarly effected everywhere else; the customs that have obtained, the contractors available, the nature of the forest the capability of the Divisional officer are all—with many others—factors which must be taken into consideration. Moreover, in Chingleput—practically the centre of civilization in this Presidency—out of 30 coupes advertised for sale, contractors only came forward for 6, another 20 were taken up departmentally and 4 had to be abandoned; if this is the state of affairs in the close proximity of the Presidency town, it can surely be understood that in the remote wilds of the Presidency the plea of inability to secure contractors and outside agency is by no means a *bogus* one. This point is dealt with at length, because the Government of India have urged the extension of handing over such operations to outside agency. In *Vizagapatam*, coupes are felled by departmental agency, but people can remove the cut produce on permits, depots have also been opened in the larger towns. In *Kistna* attempts having been made to extract the produce in coupes, first on permits, then by the agency of contractors, and both methods having failed to get the work properly done, fellings are now, as in the other districts of the northern circle, being undertaken departmentally, and the wants of the people are being met: (1) partly from coupe depots, from which those who have carts can utilize them for the transport, whilst coolies who originally mutilated the forest and took the produce to the villages for sale can either do the felling under departmental supervision, cutting strip by strip, flush with ground, leaving proper standards, or can still undertake to carry the loads to such villages, and not having the felling to do can take more headloads daily, (2) partly from sale depots, whereby the towns-people have the produce placed at their doors. In some places the ryots who have carts can cart the material to such depots; in *West Kurnool* a contractor is engaged to boat it from the nearest point on canal-side to the town of Kurnool, and water carriage being cheaper than land transport, the material is thus delivered at the cheapest possible rate. In this connection it is interesting to record the views of the Collector of Cuddapah. In *North Cuddapah* depots for timber fuel and bamboos were opened in all important centres, whilst permits were issued in reserved forests for material for *boná fide* domestic and agricultural purposes. The Collector says: "The change to a new order of things was at first attended with "the natural aversion which every native of India feels to a change of *mamool*. "The benefits of the depot system are, however, gradually becoming known, and the "transition period may be said to have successfully passed." However, the bull-men in Cuddapah struck work for nearly a month, but "have resumed work, and are "earning more now under the new system than they have ever earned before." Mr. Brasier, Conservator, says: "The difficult position was much alleviated by the "personal exertions of the Collector who spared no pains to understand and support "the forest side of the question, while granting all possible concessions to the "people" The Collector proceeds: "The departmental operations started by the "District Forest Officers in the Nallamalais in January 1907, have proved very bene- "ficial to the ryots of all the villages at the foot of those hills. These people have "availed themselves to the full of the advantages offered to them by the Forest "Department in the shape of good wages for labour; and from the wages so earned

"were able to pay their land assessment in due time, a thing which was rarely "known hitherto. Some of them were also able to purchase plough cattle and carts, "which have been used in the transport of fuel to depots during the non-agricultural "season, and in the carting of manure to their fields"; and he goes on to say that these people have thereby now become independent of the Sowcar. In *Madura* it is stated that, owing to the departmental depot, the rates for fuel were kept at a level from Rs. 8 to Rs. 9 per ton, whereas without it the rates would certainly have gone up to Rs. 14 per ton, and these high rates tell especially upon the poorer classes. Resuming the record of work: in *East Kurnool*, depots are reported to be gaining in popularity; in *East Cuddapah*, departmental exploitation of timber, fuel and bamboos was undertaken on an extensive scale; and depots, which were well patronized, started in all important centres; in *Nellore*, three new agricultural implement and fuel depots were started, with arrangements for a fourth, and until the last three months in the year were very popular. In *Chingleput*, one coupe for timber and six for fuel were sold to a contractor; other timber and fuel coupes were worked departmentally and taken to sale depots, of which four new ones were opened during the year besides the five started last year, and which were greatly appreciated as the wood was sold, at a profit, but 35 per cent. under ordinary market prices (an action which the Acting Conservator considers, however, unjustifiable, at least in the towns). In *North Arcot*, certain bamboo and fuel coupes are leased out to contractors who are bound by their agreements to sell at rates not higher than seigniorage rates *plus* cost of collection; also depots were opened in large towns. In *South Arcot*, a larger number of coupes were sold this year than last to contractors who are obliged to sell at fixed rates; two new depots were also started. In *North Salem*, depots have been opened in towns and some large villages. In *South Salem*, three more depots (for supplying 13 large villages) and several small depots for supplying small timber at nominal rates, and five bamboo depots, very highly appreciated, were opened; but funds ran short and the permit system was retrogradely reverted to. In *Trichinopoly*, two depots were opened, and four more under orders to be opened. In *Tanjore*, the depot is declared to have been a success and boon to the residents. In *South Coimbatore*, both periodical and retail sales of timber are effected in three depots; three more fuel depots were opened during the year, and sales in all the depots except one are steadily rising; agricultural implements and material for other domestic purposes, sawn up at Mount Stuart, are also sold in the depots. In the Southern Circle the Conservator says the system of supplying fuel to towns by means of departmental depots was considerably extended especially in *South Canara* and *North* and *South Coimbatore*, in which the revenue from departmentaly collected fuel increased by Rs. 33,000; but he considers the selling rates ordinarily too low. In *Madura* and *Tinnevelly* the coupes supply the demand near the villages and near the ghauts respectively; the Madura depot, as before said, proved a boon in keeping down prices; in the latter district the supply towards the east is very limited and much hardship is felt. Almost in every district the Collectors state that the prices are quite reasonable and seldom objected to by the people themselves; in *Guntúr*, *Nellore* and near the *achaimalais* in *Trichinopoly*, however, the rates are complained of. In the first of these districts the Collector points out that the district is so devoid of tree growth that material has to be brought in from *East Kurnool*, and the transport of course adds to the rate, which he thinks could hardly be reduced. In *Nellore* the Range officers assert that the small sales in the last three months of the year are attributable to the increased rates, but the District Forest-officer puts down the small sales to the shortage of supplies; the matter is being investigated. In *Trichinopoly* the Collector says the sudden change from the permit system to the departmental and depot system resulted in a great shortage of local supply and greatly enhanced rates, and that the grievance still exists owing to the delay in introducing a proper system of local depots, but is soon to be remedied. In *Coimbatore* for a short time there was a fuel famine owing to its being impossible to get the fuel across the rivers in flood; whilst in *South Canara* the rates had to be raised during the monsoon, to prevent the exhaustion of the stock. In *North Salem*, it is stated that in some villages there is a demand, but insufficient to justify the opening of depots, and this tends to cause illicit removals, whilst the poorer classes would prefer doing their own removals from the forest to paying the cost of transport; but it is not explained why sales could not be effected from coupe edge, as is provided for in most other districts, which would seemingly remedy both these complaints. In

West Kurnool, there are complaints about the quality and shortage of timber and agricultural implements, but the Collector states that owing to the depleted state of the forests it is impossible to meet all demands. In *East Kurnool*, there is a prejudice against articles made of dead wood, with which the forests abound, whilst there is an insufficiency of living timber to meet all demands. Some districts, devoid of forest material in themselves, were helped by districts in which it was obtainable ; thus *East Kurnool* is sending timber, fuel, and bamboos to *Guntúr*, and bamboos to *Anantapur* ; and *South Salem* sent a supply of bamboos to *Trichinopoly*.

60. *Measures adopted to encourage the growth of manure-leaf yielding plants.*—In the northernmost districts, from *Ganjám* to *Guntúr*, there is no demand for leaf-manure, as ryots use in preference cattle manure, rubbish and river silt, and in *Kurnool*, castor-seed refuse ; in all other districts except *Trichinopoly* and *Tanjore*, the material in unreserved lands is sufficient ; or else, as in *South Salem* and *Madura*, the working-plans of the reserved forests specially provide for the production of leaf-manure, and for artificial reproduction of the species required. In *West Kurnool*, the demand on unreserved lands fell from 696 cart-loads to 360 ; whilst in South Arcot it rose from 6,434 to 10,757. In the Northern Circle, plantations—mostly of casuarina—are being undertaken in *Ganjám*, *Lower Gódávari*, *Kistna*, *Guntúr* and *Bellary* ; and, as pure casuarina is found unsatisfactory, a large percentage of leaf-bearing trees, notably *Pongamia* and *Sissoo*, are being intermixed ; and these will furnish leaf-manure in the event of that material being required later ; on the other hand, in *Kistna*, *Guntúr*, *Kurnool*, *Bellary* and *Anantapur*, cultural operations are being undertaken to restock the tree-denuded areas in the reserves, under proper working-plans, and to cover the water-courses with evergreen species ; in this case again *Pongamia* and other leaf-manure yielding species enter largely into the stock that is being introduced : with these two measures being undertaken, none further appears called for, except in the Gudiváda taluk of *Kistna* district, where the Collector is desirous of taking up a large area with the express purpose of providing leaf-manure and firewood to a large tract which the absence of these commodities prevents from being cultivated. In *East Kurnool* two waggon-loads of leaf manure were sent from the forest to Cumbum, but so little was it appreciated that, costing Rs. 23, it only realized Rs. 7 ; so further experiments were abandoned. In the Central and Southern Circles, some areas were attempted to be planted up for this purpose, but with varying success ; in *Nellore*, one area in each of 3 ranges, but the seedlings died from want of rain ; in *Chingleput*, 811 acres of blanks in forests closed to grazing, and along water-courses, and the results were more successful than the previous year : in *North Arcot*, 85 acres were dibbled in and the cuttings put down, and 20 per cent. of the seed germinated and 150 cuttings sprouted ; in *North Salem*, 150 acres were dibbled, and the seedlings are said to be thriving ; in *Trichinopoly*, seed sown in 3 reserves of Kulittalai range were ruined by floods ; 20 acres in Musiri range are doing well ; 77 acres in 3 reserves in Udaiyárpálaiyam range were dibbled, but only few seedlings survive ; in *Tanjore*, 5 acres were sown in each of 5 reserves, but died off in 3, left only cashewnut in the fourth, and left only *Cassia auriculata* in the fifth. In *Madura*, the working-plans provide for artificial reproduction of leaf-manure yielding trees in the Periyár-affected area, and this was carried out ; in *Tinnevelly*, 32 acres of one reserve were dibbled, and a small amount of seed put down in another, but in neither case germinated from want of rain. In *South Canara*, the Collector reports that the unreserved lands and kumakis furnish all that is necessary, and that no special action is required ; but a few paragraphs later mentions that owing to the "scarcity of "manuring leaves . . . . near Baindur, a portion of Baindur reserve was as "usual thrown open for the free removal of dry firewood, leaves and grass in head-loads." In *Trichinopoly*, there was some trouble owing to the abolition of permits for manure leaves, the right of collection being leased out ; but the question is being enquired into.

61. *Hill tribes.*—In *Ganjám*, the Khonds living in Kriyamba reserve were given certain concessions in respect of cultivation and forest produce, in return for which they assisted in both general and fire protection ; the arrangement worked satisfactorily. In *Vizagapatam*, the working-plans of Dharakonda and Sanivaram reserves provide for the grant of similar concessions and some small monetary rewards to the Kondadoras and other hillmen in the vicinity, in return for their

protecting these areas from fire; this year the result has been satisfactory. In the *Gódávari* Agency tracts (comprising the whole of the Upper division, and the whole of Polavaram range, the northern half of Rajahmundry range, and northern three-quarters of Peddápuram range in the *Lower* division), the Koyas and Reddis are permitted to *podu* in unreserved lands to within ¼ mile of reserved forest, to cut and remove free of charge from unreserved lands certain species of timber for their own requirements, and sundry minor concessions in return for this they are required to give all assistance in the event of fire. Last year the privileges were suspended for a year in the case of two villages, but as this step was found to be operating too severely the order was cancelled after a few months. In *Kurnool*, the Chenchus again gave a great deal of trouble; the ordinary concessions were freely enjoyed by them, three more plantation centres in the *East* division, and Sudam plantation in the West division were started, in addition to the old ones; they were employed on timber felling, the manufacture of spokes and felloes, fuel and bamboo operations, collection of minor produce, plantation works, some as fire patrols, and in Bairluti a reward of Rs. 100 was given for protecting the area within the gudem from fire; shops for food-stuffs and cloths were opened and maintained specially for their benefit to keep them from having to deal with Sowcars, and yet they again fired nearly the whole of the Nallamalais (one Chenchu incendiarist still being at large) and committed a robbery amongst the pilgrims to Srisélam during the Sivaratri festival. It is terribly up hill work dealing with them; but the Collector, both District Forest-officers, and Conservator consider that the effort must be persevered in, otherwise the destruction of the forest and the lawlessness of the Chenchus will become worse than ever; undoubtedly some impression, though not as much as was hoped, has been made up on them and it only requires time, patience and perseverance to obtain a complete control over them and their ultimate reform. The selection of officers to carry this out must be most carefully made; the tact and patience of Mr. Wood on one side of the hills, and of Mr. Asvadham Naidu on the other (and till recently that of Mr. G. W. Thompson) are bound to tell in the end; but it is not impossible that Mr. Tapp's visit to the Chenchu centres, from which he came away with the idea that they required drastic treatment, may have had something to do with the bad results this year. In *North Coimbatore*, the settlement of Badagas at Geddesala had to be given up as they became refractory and would not work properly.

62. *Cultivation in reserved forests.*—In *South Salem*, five coffee planters were given remission of the annual rent on a portion of the leased areas which were cultivated with special products. In *North Coimbatore*, 220 acres of Bellaji Shola were leased for 20 years to R. H. Morris, Esq., of Attikán estate, for rubber cultivation; and 1,686 acres of Arachalúr Plain reserve were leased for 30 years to the Quilon Fibre company for the cultivation of the American aloes (*Agave* and *Furcrœa*). In *South Coimbatore*, of 19 estates leased to planters in the Anaimalai Hills, the resumption of one was sanctioned and of two others was under the consideration of Government, one changed hands, and the remainder are worked satisfactorily.

63. *Mining and Prospecting*—(*a*) *Mica*—(1) *Applications.*—Of 111 applications (44 pending from last year, 67 new) 82 were disposed of; 47 of the new applications were for prospecting only, there is a growing tendency in this direction. (2) *Mines in Government lands* (State mines).—Eleven new mines were sanctioned, 6 relinquished, during the year bringing last year's balance, 60, up to 65. Also 30 prospecting, and 5 exploring, licenses were issued. Except in mines under the two years' preparatory period, and, owing to litigation, for a large part of the year the underground work of M.R.Ry. A. Subba Navudu and R. Lakshminarasareddi being unsystematic, almost all other mines worked systematically, except the three mines of the Anglo-Indian Trading Company; due notice was taken in such individual cases where the lessees neglected to work properly. (3) *Patta Land mines* (Shared mines).—Seven new mines were sanctioned, 1 relinquished, bringing last year's balance, 14, up to 20. Work was satisfactory. (4) *Mines in permanently settled estates* (Private mines) are twenty in number, outturn of sixteen during the year some 247,000 lb. (5) *Illicit mining.*—Three cases were detected; in the first a pattadar had won and removed nearly 3,200 lb. of mica without payment of royalty, and a penal royalty of Rs. 100 was imposed; in the second, coolies removed mica from the waste heaps, and an abetting resident of Gudur has been ordered to be prosecuted; in the third, a prospector exceeded

his limits and encroached upon a Government tank bed, and has been dealt with under the Land Encroachment Act. There is a tendency, now being carefully watched, to carry on regular mining operations under cloak of prospecting only. (6) *Outturn and royalty.*—Due to the litigation until towards the end of the year in connection with the mines of M.R.Ry. A. Subba Nayudu and R. Lakshminarasareddi, and the consequent unsystematic work, and to the want of success, though worked properly, in some of the mines of Messrs. Hajee Muhammad Badshah Sahib & Co., both output and royalty have decreased from 1,884,042 lb. and Rs. 41,645 in 1905–1906 to 1,581,987 lb. and Rs. 27,384 in 1906–1907, the disproportionate decrease in royalty to output is owing to the large demand for *flimsy* mica, and many of the lessees have turned their attention more to the manufacture of rounds and films from the waste heaps, a cheap profitable enterprise which produces little royalty. "Rounds" are thick oval or roundish sheets of waste mica,—mostly below 4, some between 4 and 8 square inches,—of which the thin irregular edges are trimmed, and which are converted into films in private depots. (7) *Financial results.*—The decrease of Rs. 13,000 (from Rs. 46,696 last year to Rs. 33,520 this year) is due to a decrease of Rs. 16,000 under royalty partly counterbalanced by an increase of Rs. 3,000 under rents and other items The high percentage of expenditure to receipts is due to the decrease under Revenue. (8) *Labour.*—The total number of labourers employed is 5,059 (2,083 men at wages As 3 to 5, 2,051 women at As. 2 to $2\frac{1}{2}$, 925 children at As. $\frac{3}{4}$ to $2\frac{1}{2}$) compared with 7,994 in the preceding year, the decrease being due to cessation of work in some of the more important mines as explained above; commission is also paid at the rate of As. 2 and 1 per lb. in the manufacture of rounds and films. The usual hours of work were from 7–30 A.M. till noon and from 1–30 to 5–30 P.M., but in one mine some special night-workers from 7 to 10 P.M. were employed. Steam-engines and hand-pumps for baling water and removing earth and rock were also in use in some more important mines. (9) *Accidents.*—Three were reported, two in careless handling of explosives, one from fall of overhanging earth; one was fatal. (10) *Ventilation and lighting in tunnels.*—In seven mines mining operations were carried on in tunnels; all are well ventilated and in some artificial light is used; there were no complaints in these respects. (11) *Inspection of Superior officers.*—The District Forest-officer and District Medical and Sanitary Officer inspected some of the mines; and the Forest Member of the Board, with the Collector and Conservator, inspected two. The Inspectors of Explosives and of Steam-boilers have inspected some; two of the lessees were prosecuted and fined, one for using boilers without license, the other for using a boiler in contravention of the terms of his license. (12) *Prospects of the industry.*—The manufacture of rounds and films from waste heaps increased abnormally, to the detriment of real mining;—it has told much upon the revenue, and has overflooded the London market with useless material, more attention having been paid to quantity than quality. Mr. Illgen, agent of a German firm, continued his purchases at Gudur; and except a few, most miners are disposing of their mica locally. Real mining is said to have recommenced on a large scale in some of the more important mines; and the industry shows no signs of diminishing, the demand for the mineral being on the increase.

(*b*) *Manganese*—(1) *Licenses.*—In the *Bellary* district, Mr. Jambon of Calcutta holds prospecting licenses covering a considerable portion of the leased forests in Sandur, and Government has recently sanctioned the grant of a mining license over the area covered by his prospecting licenses; he also has prospecting licenses over 43 acres in Tonashagiri reserve and 1,228 acres in Alagilwada reserve, and an exploring license over 2,892 acres in Bellary reserve. The South Indian Manganese Company, assignees of M.R.Ry. Sreenivasa Row Nayudu, have a prospecting license over 1,400 acres of the Tumbaraguddi reserve; Mr. Dunn of Bangalore and the South Indian Mining Syndicate have similar licenses over 288 and 1,458 acres, respectively, in Alagilwada reserve. In the *Vizagapatam* district, the Manager of the Vizianagram Mining Company obtained an exploring license. (2) *Outturn and royalty.*—In the *Bellary* district, Mr. Jambon has extracted and carried away a considerable quantity of manganese ore, but the royalty thereon is payable to the Sandur State only. The South Indian Mining Syndicate removed $934\frac{1}{4}$ tons, but the payment of the royalty took place too late to be credited in the accounts for the year. No other prospectors have removed any ore.

(c) *Gold*—(1) *Licenses.*—In the *Bellary* district, Mr. Puzey of Secunderabad and the Madras-Mysore Mining Syndicate have licenses to prospect for gold over 176 and 1,837 acres respectively in the Jagarkalguddi reserve; in *Anantapur*, the Anantapur Gold Mining Company were granted a prospecting license in Ramagiri reserve.

(d) *Plumbago.*—In *Gódávari*, the Rékapalli hill plumbago mines have not been worked during the year.

64. *Realization of revenue from the usufruct of toddy-yielding trees on Government waste and porambake lands.*—No mention of this subject is given in the reports from *Ganjám*, *Kistna*, *North* and *East Cuddapah*, *North Malabar* and the *Nilgiris*; amounts collected were small (or *nil*) in *Vizagapatam*, *Upper Gódávari*, *Trichinopoly*, *Tanjore*, *North* and *South Coimbatore*, *South Malabar* and *Madura*. In *South Cuddapah*, the amount realized was Rs. 3,846, in *Chingleput* Rs. 2,541. There were decreases in the following districts as compared with the previous year,—*Lower Gódávari* falling from Rs. 3,460 to Rs. 3,212; *East Kurnool* from Rs. 4,328 to Rs. 4,204; *West Kurnool* from Rs. 22,870 to Rs. 21,076; *Bellary* from Rs. 30,353 to Rs. 23,979; *Anantapur* from Rs. 15,028 to Rs. 12,971; *South Arcot* from Rs. 2,238 to Rs. 2,100; *Tinnevelly* from Rs. 2,968 to Rs. 2,824; and there were increases in *Guntúr* rising from Rs. 5,636 to Rs. 6,100; *Nellore* from Rs. 3,031 to Rs. 3,318; *North Arcot* from Rs. 8,027 to Rs. 8,353; *North Salem* from Rs. 842 to Rs. 997; *South Salem* from Rs. 2,199 to Rs. 3,218; and *South Canara* from Rs. 5,278 to Rs. 3,846. In the *Upper Gódávari* the Koyas and Reddies can tap trees at their will as the Abkári Act does not apply.

(c) Live and dead stock.

65. *Live-stock and Special Veterinary Officer*—(a) *Elephants.*—The inspection elephants in *Ganjám*, *Vizagapatam*, *Upper Gódávari* and *West Kurnool* are reported to be in good condition. In the Southern Circle, the 82 elephants at the commencement of the year were increased by 23 captures—17 in *North Malabar*, 3 in *South Malabar* and 3 in *South Coimbatore*—to 105, of which five died during the year, leaving a balance of 100. Except in *South Malabar* the diet of elephants in the Southern Circle was changed from rice to gram, with no ill effects but with considerable reduction in the cost of food. The number and percentage of deaths has fallen from 8–12·12 per cent. in 1904–1905 to 6–7·31 per cent. in 1905–1906 and 5–4·76 per cent. in 1906–1907. Instead of selling them as hitherto, young elephants are now being trained in nurseries formed for the purpose in *North Malabar*.

(b) *Bullocks.*—In the Northern Circle, there were 83 pairs of bullocks at the beginning of the year (*East Kurnool* 35½. *Bellary* 47½), 10½ pairs were purchased during the year, 9½ pairs were disposed of, leaving a balance of 84 pairs (*East Kurnool* 37½, *Bellary* 46½). In the Southern Circle, there were 121½ pairs at the commencement of the year, 49 pairs were purchased during the year, 15 pairs were disposed of, leaving a balance of 155½ pairs. Of the disposals, some died or were killed by tigers, or had to be shot after being damaged by accidents, others were sold as being too old for heavy forest work.

(c) *Special Veterinary Officer.*—Mr. F. X. Mascurenhas spent 314 days in camp visiting all the stations where live-stock is kept in the Southern Circle, and making a short tour through the Central and Northern Circles, to inspect the stock and give advice. He also went to Marahalli and Hunsur in Mysore to select and purchase bullocks. In head-quarters, he gave lectures on the management of cattle to the students at the Coimbatore Forest Training School. Amongst the elephants, he attended one case of dropsy, one of suspected anthrax, one of hæmaturia, two of colic, several of the common complaint parasite-diarrhœa, removed seven abscesses, and one wart, and amputated two tusks; amongst the bullocks, he attended one epidemic of foot and mouth disease in the Nilgiris, two cases of hæmaturia, one of dysentery, five of eye inflammation, removed thirteen abscesses, five tumours and one horn; and attended to many minor wounds and sores. The Conservator, Southern Circle, highly commends his work, and attributes to his care the prevention of the spread of epidemics, and the reduction of the sickness and mortality amongst the elephants.

66. *Inventory of valuable stock.*—The stock registers are reported to have been maintained and verified in all districts except *North Cuddapah* where they are under preparation. In *Nellore* they are correct except in the Coast and Sriharikota ranges, where the discrepancies in stock of the tramway material are not yet rectified.

67. *Rain gauges.*—In *North Cuddapah* and *Trichinopoly* there are no rain gauges; in *Chingleput* and the *Nilgiris* no mention is made of them; in *Guntúr*, where there are five (localities not recorded) and in *South Canara*, where, besides four ordinary ones, there are three differential gauges at the foot of the ghâts, the readings are said to be unreliable; in all other districts, except—from accidents to the gauges, one in *Ganjám*, two in *Upper Gódávari*,* and one in *Bellary*,*—they are reported to have been accurately kept; in districts marked + the localities, and marked × the number and localities, are not given: *Ganjám* 5 (see table), *Vizagapatam* 3 (+), *Upper Gódávari* 6 (+ except Peddakonda* and Kunavaram*); *Lower Gódávari* (×); *Kistna*, (Kondapalli); Guntúr 5 (+); *East Kurnool* 6 (Chelama, Diguvametta, Rollapenta, Peddamantrala, Papinenipalli, Yeguvacherlopalli); *West Kurnool* 3 (Bairluti, Honkaram, Gundlabrahmeswaram); *Bellary* 4 (Ramandrug, Kalahalli, Tumatti, Yettinahatti*); *Anantapur* (×); *East Cuddapah* 3 (Bálapalli, Mogalipenta, Rollabodu); *South Cuddapah*, 3 (H o r s l e y k onda); *Nellore* 6 (Sriharikota, Kullurpad plantation, four plantations in Coast range); *North Arcot* 13 (+); *South Arcot* 3 (Melpat in Tenmalais, Shanikolam near Gingee, Tagarai reserve); *North Salem* 3 (Singarapet, Andiappanur, Kambugudi); *South Salem* 2 (Kadiampet, Mallapuram); *Tanjore* 1 (T i r u m a l avasal); *South Canara* 7 (see above); *North Malabar* 6 (see table); *North Coimbatore* 8 (+); *South Coimbatore* 14 (see table); *Madura* (×); *Tinnevelly* (×).—The marginal table gives the information available in the reports.

District and name.	During 1905–1906.	Average to end of 1906.	Number of years giving average.	During 1906–1907.	Average to end of 1907.	Number of years giving average.
Ganjám.						
Mojjagodo	58·19	54·07	4	56·24	54·51	5
Kukkuluba	..	57·26	3	59·79	57·87	4
Buguda	28·90	52·06	4	56·56	52·36	5
Surada	38·15	49·56	4	(broken).	49·56	4
Berhampur	..	57·73	3	43·68	54·21	4
North Malabar.						
Manantoddy	..	..	..	105·06	..	..
Begur	..	..	..	70·55	..	..
Chedleth	..	..	..	64·72	..	..
Muthangu	..	..	..	50 98	..	..
Kanoth	..	..	..	155·78	..	..
Mukkil	..	..	..	176·48	..	..
South Malabar.						
Nilambur office	81·41	..	..	97·70	..	..
Nilambur hill	..	..	..	101·93	..	..
South Coimbatore.						
Mount Stuart	50·26	..	..	69·60	..	..
Sirukundru	72·28	..	..	143·60	..	..
Punachi	39·80	..	..	122·60	..	..
Sethomadai	15·50	..	..	34·40	..	..
Varnanthorai	18·80	..	..	24·00	..	..
Kombu	9·80	..	..	17·00	..	..
Kallapuram	14·20	..	..	24·10	..	..
Esal mmanthorai	20·00	..	..	25·00	..	..
Gopinari..	11·35	..	..	23·80	..	..
Tholampalaiyam	10·20	..	..	26·61	..	..
Truttipalaiyam	24·60	..	..	49·00	..	..
Vellapathi	53·90	..	..	52·90	..	..
Sengalpalaiyam	28·40	..	..	33·30	..	..
Walayar	45 00	..	..	64·80	..	..

The Conservator, Central Circle, considers that the forest readings should be compared with those of neighbouring places outside the forests, and the question has since been referred to the Board of Revenue. Considering the criticism by Government of Mr. Brasier's remark in last year's report, the maintenance of forest rain gauges should be conducted on far more systematic lines. During the year Mr. Brasier explained to Government that his figures were based upon the result of readings in Central Europe over a period of 33 years, comparing stations inside forests with stations outside, other factors being precisely the same; and the differences were found to correspond exactly also with those obtained in bare areas and

after those areas had been planted up for 26 years. The Milan Congress of 1905, consisting of some of the principal experts of Europe in Agriculture, Engineering and Forestry, whilst accepting these figures for Central Europe, showed that in the cold, well-wooded, hardly mountainous countries of Northern Europe the difference was only about 3 per cent.; but that the difference in St. Helena in Napoleon's time and since it has been reafforested is about double, in Lower Egypt since it has been planted up is treble to quadruple; and therefore maintained that the nearer the tropics were approached and the higher the ascent on the mountains the greater was the influence of forests on the rainfall. In these circumstances the proper maintenance of the forest rain gauges is of very considerable importance.

68. *Saw-mill at Mount Stuart.*—Sawing commenced on 22nd July and continued till 12th February; towards the end of November the motion block of the horizontal saw broke, and subsequent operations had to be undertaken with one saw. Four hundred and ninety-one logs of 18,019 cubic feet were put through the mill, an increase over the previous year by 113 logs and 2,714 cubic feet; the outturn was 11,555 cubic feet, or 64·1 per cent. against 63·7 per cent. the year before; another 123 cubic feet were obtained by working up rejections by hand. The working expenses were Rs. 3,845, and the average cost per cubic foot of sawn timber As. 5–4 against As. 7–2 the year before. There were no serious accidents.

69. *Wire-rope way at Mount Stuart.*—This worked for 41 days sending down 500 loads of timber of 12,610 cubic feet against 63 days with 570 loads containing 11,823 cubic feet of timber and 987 bamboos in the preceding year. The cost of working was Rs. 547; transport by road would have cost Rs. 985; there was thus a saving of Rs. 438. The value on the books at the beginning of the year was Rs. 1,670; the sum of Rs. 140 were spent on extraordinary repairs, *i.e.*, the broken high support referred to last year, making a total of Rs. 1,810; deducting depreciation and interest at 12 per cent., Rs. 217, from the difference, Rs. 438, between rope and road transport, the profit works out to Rs. 221. Deducting 6 per cent. depreciation, the value of the rope way is now shown on the books at Rs. 1,702.

(*d*) Museums and Parks.

70. *Gass Forest Museum at Coimbatore.*—The museum was closed from the beginning of the year until September 25, on which date His Excellency the Governor Sir Arthur Lawley opened the new building; from that date till the close of the year there were 7,990 visitors. Numerous additions were made to the timber and minor produce specimens; and the museum garden was extended and numerous exotic trees put down.

Kodaikánal New Park.—At Kodaikánal, with the sanction of Government, the Post office Plantation was converted into a park.

(*e*) Suits.

71. In the Upper Gódávári, the appeal against time-bar preferred by G. Lakshmiah in the Government Agent's Court was decided in his favour, and the case remanded to the court of the Head Assistant Collector for trial on its merits, and is still pending; his suit in the District Munsif's Court was dismissed with costs. In *Lower Gódávari*, the second appeal against the Forest Settlement Officer's decision in the Coringa extension reserve case is still pending in the High Court; the suit brought by P. Veeraya in the Cocanada Sub-Court was dismissed with costs. In *Gúntur*, the suit brought by a coupe contractor was dismissed with costs by the District Court. In *Nellore*, the suit filed by a contractor for the recovery of Rs. 3,372 was given in his favour by the District Court, but an appeal to the High Court has been launched by Government. In *North Salem*, two appeals in connection with the Settlement of Hudaidurgam Reserves are still pending, one in the District Court, the other in the High Court. In *South Malabar* the appeal to the High Court in respect of the ownership of Thanikughi Hill was decided against Government; but one, Olappamanna Mara Nambudiri, has brought a fresh suit against Government

and Kuthiravattath Nair for the recovery of the same hill, which is pending in the Sub-Court of Palghat. In *North Coimbatore*, a suit brought by an Ex-Deputy Ranger for the recovery of Rs. 1,500 from Government is still pending in the District Munsif's Court, Coimbatore. In *Tinnevelly* the suit regarding Kattalamalai was disposed of in the lower court during the year, but both parties have appealed against the decision to the High Court, where it is still pending.

APPENDICES.

Appendix A.—District areas and Forest reserves (1906-1907).

District.	(a) Total area excluding feudatory and tributary States.	(b) Area excluding zamindari, whole inam villages and minor inams in ryotwari tracts.	(b) Occupied area.	Particulars of remaining area (columns 3—4).			Reserved forests and reserved lands.			Percentage of column 10 to column 3.	Percentage of column 10 to column 7.
				(b) Unoccupied, cultivable, uncultivable and forest areas.	(a) Areas for which returns are not available.	Total of columns 5 and 6.	Reserved forests under Act V of 1882.	Reserved lands.	Total of reserves (columns 8 and 9).		
1	2	3	4	5	6	7	8	9	10	11	12
Northern Circle.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.		
Ganjám	5,356,224	1,609,729	421,884	704,305	483,540	1,187,845	383,084	..	383,084	23·79	32·25
Vizagapatam	11,022,828	849,510	184,577	664,933	..	664,933	190,700	30,009	220,709	25·98	33·19
Gódávari	3,585,602	1,885,662	575,573	1,310,089	..	1,310,089	555,494	47,955	603,449	32·00	46·06
Kistna	3,785,290	1,618,892	986,561	632,331	..	632,331	179,419	23	179,442	11·08	28·37
Guntúr	3,670,374	2,871,988	1,790,933	1,071,861	9,194	1,081,055	521,239	..	521,239	18·14	48·21
Kurnool	4,849,767	4,208,892	1,413,613	2,795,279	..	2,795,279	1,636,612	46,334	1,682,946	39·98	60·20
Bellary	3,656,230	2,981,628	1,889,227	1,092,401	..	1,092,401	399,430	41,093	440,523	14·77	40·32
Anantapur	3,556,083	3,024,229	1,564,626	1,459,603	..	1,459,603	338,214	7,679	345,893	11·43	23·69
Total ..	39,482,398	19,050,530	8,826,994	9,730,802	492,734	10,223,536	4,204,192	173,093	4,377,285	22·97	42·81
Central Circle.											
Cuddapah	5,582,739	4,860,501	1,402,862	3,457,639	..	3,457,639	1,467,293	38,359	1,505,652	30·97	43·54
Nellore	5,097,300	2,315,014	909,811	1,405,203	..	1,405,203	472,130	..	472,130	20·39	33·59
Chingleput	1,971,050	1,305,693	660,816	644,877	..	644,877	136,813	..	136,813	10·47	21·21
North Arcot	4,723,386	2,499,902	889,329	1,610,573	..	1,610,573	825,365	818	826,183	33·04	51·29
South Arcot	3,339,520	2,992,063	1,689,812	1,302,251	..	1,302,251	424,645	..	424,645	14·19	32·60
Salem	4,818,982	3,575,730	1,439,316	2,136,414	..	2,136,414	1,024,977	43,074	1,068,051	29·86	49·99
Trichinopoly	2,324,804	1,713,303	1,118,263	595,040	..	595,040	200,297	2,396	202,693	11·83	34·06
Tanjore	2,375,386	1,583,774	1,145,933	437,841	..	437,841	12,461	358	12,819	0·80	2·92
Total ..	30,233,167	20,845,980	9,256,142	11,589,838	..	11,589,838	4,563,981	85,005	4,648,986	22·30	41·10
Southern Circle.											
South Canara	2,573,389	2,573,389	757,031	1,814,304	2,054	1,816,358	514,506	158,099	672,605	26·13	37·03
Malabar	3,708,319	3,690,014	1,330,751	2,359,263	..	2,359,263	291,706	41,690	333,396	9·03	14·13
Nilgiris, The	625,708	653,639	195,692	457,947	..	457,947	293,889	54,919	348,808	53·36	76·16
Coimbatore	5,019,873	4,543,705	2,511,203	2,032,502	..	2,032,502	1,292,043	176,275	1,468,318	32·31	72·24
Madura	5,568,896	2,079,244	1,128,182	951,062	..	951,062	426,503	..	426,503	20·51	44·84
Tinnevelly	3,448,872	2,279,341	1,490,310	789,031	..	789,031	279,525	508	280,033	12·28	35·49
Total ..	20,945,057	15,819,332	7,413,169	8,404,109	2,054	8,406,163	3,098,172	431,491	3,529,663	22·31	41·98
Grand Total ..	90,660,622	55,715,842	25,496,305	29,724,749	494,788	30,219,537	11,866,345	689,589	12,555,934	22·53	41·54

(a) Area by professional survey.

(b) Area according to village papers.

Appendix B.—Reserved forests in square miles.

Districts.	Up to 1905–1906.	During 1905–1906.	During 1906–1907.	Total.
1	2	3	4	5
Northern Circle.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Ganjám	538	..	60	598
Vizagapatam	298	..	..	298
Gódávari, Upper	460	1	..	461
Do. Lower	407	..	..	407
Kistna	280	..	..	280
Guntúr	814	..	..	814
Kurnool, East	1,155	1 (a) + 323	..	1,479
Do. West	1,380	7 (a) − 323	15	1,079
Bellary	601	23	..	624
Anantapur	510	..	19	529
Total ..	6,443	32	94	6,569
Central Circle.				
Cuddapah, North	709	5	47	761
Do. East	980	..	..	980
Do. South	552	..	(a) − 1	551
Nellore	734	4 (a) 1	(b) − 2 (a) + 1	738
Chingleput	214	..	..	214
Arcot North	1,290	..	..	1,290
Do. South	663	..	..	663
Salem, North	832	25	17	874
Do. South	728	..	..	728
Trichinopoly	310	3	..	313
Tanjore	20	..	(a) − 1	19
Total ..	7,032	38	61	7,131
Southern Circle.				
South Canara	674	48	82	804
Malabar, North	235	21	4	260
Do. South	218	(c) − 24	2	196
The Nilgiris	412	2	(d) + 45	459
Coimbatore, North	1,378	(a) − 8 (b) − 2	10 (d) − 45	1,333
Do. South	662	(c) + 24	..	(e) 686
Madura	616	48 (a) + 2	..	666
Tinnevelly	437	..	..	437
Total ..	4,632	111	98	4,841
Grand Total ..	18,107	181	253	18,541

(a) Revision of area. (b) Disafforested.
(c) Transferred from South Malabar to South Coimbatore. (d) Transferred from North Coimbatore to the Nilgiris.
(e) Includes 24 square miles of leased forests.

APPENDIX C.—Particulars of balance of Lands under Settlement.

District.	Forest settlement.					
	Total number and area of blocks under settlement up to the end of 1906–1907.		Total number and area of blocks constituted finally as reserved forests up to the end of 1906–1907.		Balance at the end of 1906–1907.	
	Number.	Area.	Number.	Area.	Number.	Area.
1	2	3	4	5	6	7
Northern Circle.		SQ. MLS.		SQ. MLS.		SQ. MLS.
Ganjám	56	598	56	598	..	..
Vizagapatam	54	302	52	298	2	4
Gódávari, Upper	29	461	29	461	..	..
Do. Lower	44	482	43	407	1	75
Kistna	74	280	74	280	..	..
Guntúr	179	814	179	814	..	..
Kurnool, East	38	1,479	38	1,479	..	..
Do. West	64	1,151	63	1,079	1	72
Bellary	153	624	153	624	..	..
Anantapur	102	529	99	529	3	(a) ..
Total ..	793	6,720	786	6,569	7	151
Central Circle.						
Cuddapah, North	212 (North, East and South together)	761	211 (North, East and South together)	761	..	..
Do. East		1,040		980	1	60
Do. South		551		551	..	..
Nellore	227 (b)— 1	739 (b) — 2 (e) + 1	226	738	..	..
Chingleput	197	214	197	214	..	..
Arcot North	196	1,291	194	1,290	2	1
Do. South	157	663	157	663	..	..
Salem, North	77	923 (c) — 5 (e) + 2	76	874	1	46
Do. South	103	732 (e) — 1	102	728	1	3
Trichinopoly	120	315	119	313	1	2
Tanjore	15	19	15	19	..	..
Total ..	1,303	7,243	1,297	7,131	6	112
Southern Circle.						
South Canara	171	897 (e) + 2 (c) — 10	139	804	32	85
Malabar, North	28	261	25	260	3	1
Do. South	10	241	9	196	1	45
The Nilgiris	431 (d) + 1	414 (d) + 45	429	459	3	(a) ..
Coimbatore, North	52	1,642 (d) — 45	48	1,333	4	264
Do. South	26	686	25	686	1	(a) ..
Madura	150	666	150	666	..	
Tinnevelly	70	438	67	437	3	1
Total ..	939	5,237	892	4,841	47	396
Grand Total ..	3,035	19,200	2,975	18,541	60	659

(a) Below one square mile. (b) Disafforested or abandoned. (c) Excluded at settlement.
(d) Portion of the Nilgiris Eastern slopes reserved forest transferred to the Nilgiris. (e) Rectification.

APPENDIX C.—Particulars of balance of Lands under Settlement—*cont.*

District.	Settled and reported on.								Settled but not reported on.		Settlement proceeding.	
	Notified under section 16 during 1906–1907, but reservation effected only after 30th June 1907.		With Board or Government awaiting publication of Notification under section 16.		Returned by the Board for revision and remaining either with Collector, District Forest-officer or Forest Settlement-officer.		Total settled and reported on.					
	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.
	8	9	10	11	12	13	14	15	16	17	18	19
Northern Circle.		SQ. MLS.		SQ. MLS.		SQ. MLS.		SQ. MLS.		SQ. MLS.		SQ. MLS.
Ganjám	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam ..	..	..	..	..	..	..	..	..	..	..	2	4
Gódávari, Upper ..	..	..	..	..	..	..	..	..	..	..	..	..
Do. Lower ..	..	..	..	..	..	..	..	..	1	75	..	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Guntúr	..	..	..	..	..	..	..	..	..	..	..	..
Kurnool, East ..	..	..	..	..	..	..	..	..	..	..	..	..
Do. West ..	..	..	1	72	..	..	1	72	..	..	..	..
Bellary	..	..	..	..	..	..	..	..	..	..	..	..
Anantapur ..	..	..	..	..	..	..	..	..	..	..	3	(*a*) ..
Total ..	..	..	1	72	..	..	1	72	1	75	5	4
Central Circle.												
Cuddapah, North ..	..	..	..	..	..	..	..	..	..	..	..	..
Do. East ..	..	..	..	..	1	60	1	60	..	..	..	..
Do. South.	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..
Arcot, North ..	..	..	..	..	..	..	..	..	..	..	2	1
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..
Salem, North ..	..	..	..	..	..	..	..	..	1	46	..	..
Do. South ..	..	..	..	..	1	3	1	3	..	..	..	..
Trichinopoly ..	..	..	..	..	..	..	..	..	1	2	..	..
Tanjore	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	2	63	2	63	2	48	2	1
Southern Circle.												
South Canara ..	..	..	3	15	..	..	3	15	17	60	12	10
Malabar, North ..	..	..	..	..	..	..	..	..	..	..	3	1
Do. South ..	..	..	..	..	..	..	..	..	1	45	..	(*a*) ..
The Nilgiris	..	..	..	..	..	..	..	..	..	..	3	(*a*) ..
Coimbatore, North.	..	..	1	16	..	..	1	16	1	246	2	2
Do. South.	..	..	..	..	..	..	..	..	..	..	1	(*a*) ..
Madura	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly ..	1	(*a*) ..	..	..	..	..	1	(*a*)	..	..	2	1
Total ..	1	(*a*) ..	4	31	..	..	5	31	19	351	23	14
Grand Total, Presidency ..	1	(*a*) ..	5	103	2	63	8	166	22	474	30	19

(*a*) Below one square mile.

APPENDIX C.—Particulars of balance of Lands under Settlement—*cont.*

Districts.	Of lands notified under section 4—*cont.*																									
	1891-92.		1894-95.		1896-97.		1897-98.		1898-99.		1899-1900.		1900-1901.		1901-1902.		1902-1903.		1903-1904.		1904-1905		1905-1906.		1906-07.	
	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.	Number.	Area.
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Northern Circle.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.		S. M.
Ganjám ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4
Gódávari, Upper.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. Lower.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	75	..	..	..	..	..	..	..	..	..	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Guntúr	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kurnool, East ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. West ..	..	..	..	..	..	..	1	72	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bellary ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anantapur ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	(*a*)	1	(*a*)
Total ..	..	..	..	..	..	..	1	72	..	..	..	..	..	..	1	75	..	..	..	..	..	..	2	(*a*)	3	4
Central Circle.																										
Cuddapah, North	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. East..	..	..	1	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Arcot North ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem North ..	..	..	..	..	..	..	..	..	..	..	..	..	1	46	..	..	..	..	..	..	..	..	..	..	..	..
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	..	..	..	..	..	..	..	..	..
Trichinopoly ..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tanjore ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	1	60	..	..	..	..	1	2	..	..	1	46	1	3	..	..	..	..	..	..	2	1	..	..
Southern Circle.																										
South Canara ..	..	..	..	..	..	..	..	..	1	15	..	..	..	..	..	..	..	..	1	(*a*)	4	50	11	17	15	3
Malabar North..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	(*a*)	2	1
Do. South ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	45	..	..	..	..	..	..
The Nilgiris ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	(*a*)
Coimbatore North	1	246	..	..	..	..	..	..	..	..	..	..	..	..	1	16	..	..	..	..	..	..	..	..	2	2
Do. South	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	(*a*)
Madura ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	(*a*)	2	1
Total ..	1	216	..	..	..	..	..	..	1	15	..	..	..	..	1	16	..	..	2	45	4	50	13	17	25	7
Grand Total ..	1	246	1	60	..	..	1	72	2	17	..	..	1	46	3	94	..	..	2	45	4	50	17	18	28	11

(*a*) Below one square mile.

APPENDIX D.—Causes of delay in the submission of final notifications of Forest reserves.

Districts.	Notified under section 16 during 1906-1907, but with effect only after 30th June 1907.	With Board or Government awaiting publication of final notification under section 16.	Returned by the Board to Collectors for revision.	Pending check and revision by Collectors and not submitted to the Board.	Awaiting disposal of appeals.	Awaiting expiry of appeal time.	Awaiting inspection and Settlement of claims by the Forest officers.	Total.
1	2	3	4	5	6	7	8	9
Northern Circle.								
Ganjám	..	..	..	..	..	..	..	..
Vizagapatam	..	..	..	..	..	..	2	2
Gódávari, Upper	..	..	..	..	..	..	..	..
Do. Lower	..	..	..	..	1	..	..	1
Kistna	..	..	..	..	..	..	..	..
Guntúr	..	..	..	..	..	..	..	..
Kurnool, East	..	..	..	..	..	..	..	..
Do. West	..	1	..	..	..	..	..	1
Bellary	..	..	..	..	..	..	..	..
Anantapur	..	..	..	..	..	..	3	3
Central Circle.								
Cuddapah, North	..	..	..	..	..	..	..	..
Do. East	..	..	1	..	..	..	..	1
Do. South	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..
Arcot, North	..	..	..	..	..	..	2	2
Do. South	..	..	..	..	..	..	..	..
Salem, North	..	..	..	..	1	..	..	1
Do. South	..	1	..	..	..	..	..	1
Trichinopoly	..	..	..	1	..	..	..	1
Tanjore	..	..	..	..	..	..	..	..
Southern Circle.								
South Canara	..	3	..	9	..	8	12	32
Malabar, North	..	..	..	..	..	..	3	3
Do. South	..	..	..	1	..	..	..	1
The Nilgiris	..	..	..	..	..	..	3	3
Coimbatore, North	..	1	..	1	..	..	2	4
Do. South	..	..	..	..	..	..	1	1
Madura	..	..	..	..	..	..	..	..
Tinnevelly	1	..	..	..	..	..	2	3
Total ..	1	6	1	12	2	8	30	60

APPENDIX E.—Reserved Lands not under Settlement in square miles.

Districts.	Up to 1905-1906.	Added during 1905-1906.	Added during 1906-1907.	Total.	Transferred to settlement.				Balance.
					Up to 1905-1906.	During 1905-1906.	During 1906-1907	Total.	
1	2	3	4	5	6	7	8	9	10
Northern Circle.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Ganjám	598	..	..	598	598	..	..	598	..
Vizagapatam ..	345	..	..	345	298	..	4	302	43
Gódávari, Upper ..	46	..	..	461	461	..	..	461	..
Do. Lower ..	48.	..	..	482	482	..	..	482	..
Kistna	280	..	..	280	280	..	..	280	(a) ..
Guntúr	814	..	..	814	814	..	..	814	..
Kurnool, East ..	1,479	..	..	1,479	1,479	..	..	1,479	..
Do. West ..	1,169	(b) — 17	(b) — 1	1,151	1,169	(b) — 17	(b) — 1	1,151	..
Bellary	687	..	2	689	624	..	..	624	2 (c) 63
Anantapur ..	521	9 (e) — 1	.. 11	540	520	9 (e) — 1	..	528	12
Total ..	6,836	(b) — 9	+ 12	6,839	6,725	(b) — 9	+ 3	6,719	120
Central Circle.									
Cuddapah, North ..	761	..	..	761	761	..	..	761	..
Do. East ..	1,040	..	..	1,040	1,040	..	..	1,040	..
Do. South ..	552	..	(e) — 1	551	552	..	(e) — 1	551	..
Nellore	7·9	..	(b) — 2 (e) + 1	738	739	..	(b — 2 (e) + 1	738	..
Chingleput ..	214	..	..	214	214	..	..	214	..
Arcot, North ..	1,290	1	..	1,291	1,290	1	..	1,291	..
Do. South ..	663	..	..	663	663	..	..	663	..
Salem, North ..	923	..	(b) — 5 (e) + 2	920	923	..	(b) — 5 (c) + 2	920	..
Do. South ..	732	..	18 (d) — 1	749	732	..	(d) — 1	731	18
Trichinopoly ..	315	..	2 1	317	315	..	..	315	2
Tanjore	20	..	(e) — 1	20	20	..	(e) — 1	19	1
Total ..	7,249	1	+ 14	7,264	7,249	1	— 7	7,243	21
Southern Circle.									
South Canara ..	1,067	(e) — 5 (k) — 3	(e) + 2 (b) — 10	1,051	880	18 (k) — 3	3 (e) + 2 (b) — 10 (a) — 1	889	162
Malabar, North ..	257	3	1	261	257	3	1	261	..
Do. South ..	284	(e) — 24	..	260	265	(g) — 24	(a) ..	241	(c) 19
The Nilgiris ..	499	..	(h) + 46	545	414	..	(h) 46 (i) — 1	459	(c) 76 10
Coimbatore North.	1,660	(e) — 17 (f) — 2	12 (h) — 46 (e) + 2	1,609	1,652	(e) — 9 (f) — 2	2 (h) — 46	1,597	12
Do. South	662	(g) + 24	..	686	662	(g) + 24	..	(j) 686	..
Madura	668	(a) + 2 (b) — 4	..	666	668	(a) + 2 (b) — 4	..	666	..
Tinnevelly ..	438	(a) — 1	1	438	438	(a) — 1	1	438	..
Total .	5,535	— 27	+ 8	5,516	5,236	+ 4	— 3	5,237	279
Grand Total ..	19,620	— 35	+ 34	19,619	19,210	— 4	— 7	19,199	420

(a) Below one square mile. (b) Excluded at settlement. (c) Leased forests.
(d) Unreserved. (e) Revision of area. (f) Disafforested.
(g) Transferred from South Coimbatore. (h) Transferred from North Coimbatore.
(i) Wrongly included in previous year figures. (j) Includes 24 square miles of leased forests.

APPENDIX F.—Abstract of district reports in regard to the maintenance of maps in accordance with the provisions of section 81 of the Forest Code.

Northern Circle.

Ganjám.—Six reserve maps, fifteen Pondakhol enclosures maps, two Parlákimedi maliah forest maps, two Parlákimedi estate maps, and two Parlákimedi agency maps were prepared during the year.

Vizagapatam.—A district reference map on the scale of 4 miles to an inch showing all reserves, roads, forest bungalows and stations and other items affecting the administration of the department, three range forest reference maps and sketch-maps of each reserve have been maintained.

Gódávari, Upper and Lower.—The district map (1″ = 4 miles) showing all reserves, etc., has been maintained as also range forest maps (1″=1 mile). Separate maps for each reserve are also kept.

Kistna.—The district and range maps have been maintained as usual.

Guntúr.— Do. do.

Kurnool, East and West.—The district, range and reserve maps were maintained as usual.

Bellary.—The district, range and reserve maps were maintained as usual.

Anantapur.—Final maps for 515 square miles of reserved forests have been maintained.

Central Circle.

Cuddapah, North.—The district and taluk maps were maintained and posted up as usual. The compartments in the Maddimadugu east and west, Mamellapalli, Ganganapalli, Nandimandalam, Bainapalli and Pattur coupes were plotted on the Survey of India maps and the reserve boundaries and topographical features in Cuddapah, Ráyachóti and Proddatur range maps were coloured.

Cuddapah, East.—The district and taluk maps were maintained and posted up to date. The district map of South Cuddapah was reduced by pentagraph from 4′ = 1 mile to 12″ = 1 mile. The taluk boundaries were plotted on the Survey of India maps.

Cuddapah, South.—The district and taluk maps were maintained and posted. A map of the Cuddapah South Division showing the three taluks of Madanapalle, Vayalpad and Kadiri was prepared.

Nellore.—As reservation has been completed, there was no occasion for the supply of any new final maps during the year.

Chingleput.—Forty-three working plan maps fair and 36 rough were prepared; 3 copies of district map were also prepared.

North Arcot.—No fresh map was prepared during the year.

South Arcot.—In the case of 12 reserves, tracing cloth maps were compared and in the case of 5 others tracing cloth maps were prepared. The boundaries of 60 reserves were delineated on village maps received from taluks. In the case of 26 reserves proofs were corrected for publication in the Survey office.

Salem, North.—The district forest reference map and range forest reference maps were maintained. There are Survey of India maps (4″ = 1 mile) for 65 reserved forests, Madras Survey maps (8″ = 1 mile) for six reserved forests and departmental survey maps (4″=1 mile) for two reserved forests. Working-plan maps (4″=1 mile) were also maintained.

Salem, South.—The district forest reference map, two sets of range forest reference maps, separate maps for each reserve and separate working-plan maps have been maintained.

Trichinopoly.—The district as well as the range reference maps are maintained.

Tanjore.— Do. do.

Southern Circle.

***South, Canara.*—The district reference map is posted up to date and maps are maintained for all reserved forests except Bhagimula and Meyimali which have been surveyed by the Survey of India.**

***Malabar South.*—One copy of each of the revised stock map of Pannengode and Nellikutta teak plantations was prepared by the draughtsman employed at the Conservator's office.**

The Nilgiris.—This office reference map has been posted up to the end of June 1907 and the range topo maps and settlement maps have all been similarly posted. There are no separate maps for reserves except Mudumalai, Benne and Kumbarakolli forests; but there are settlement maps for every village in the district, which are duly maintained with all the reserves shown therein in accordance with notifications under section 16.

Working circle plans prepared by Messrs. Gamble and Arbuthnot are maintained for the reserves given below:—

1. Aramby.
2. Cairn Hill.
3. Bleak House.
4. River Reserve.
5. Tiger Hill.
6. Bandy Shola.
7. Coonoor Peak.
8. Burliyar.
9. Benne.

North Coimbatore.—The office reference map is maintained. Reserve maps for all the reserves in the Erode range (Erode, Dhárápuram and Karúr taluks) are prepared. Settlement maps have been supplied to all Range officers for the principal reserves to be used together with the topographical sheets until the survey is completed. Fire conservancy maps have been prepared for all protected blocks.

South Coimbatore.—(1) District forest reference was maintained in duplicate.

(2) Range forest reference maps. The taluk maps (scale 1″ = 1 mile) were utilized for these and particulars relating to the five ranges have been entered.

(3) There are Survey of India maps for all reserves except Chenat Nair. Elayamuthur, Dhalli, Sankararayapuram, Nellimalai and Avanashi palmyra reserve tope for all of which there are Madras Survey maps.

Madura.—The district reference map was posted up as also the reserve maps. There are Survey of India maps for all reserves except for the Pumbarai plantation and the Ampthill Downs Reserve. The maps have been arranged in accordance with the instructions issued in Board's Proceedings, No. 61 Forest, dated 6th March 1906.

Tinnevelly.—The district reference map has been posted up to 30th June 1907. Final map of the Kolandamalai reserve was prepared and sent to the survey office during the year.

APPENDIX G.—Statement showing the area of Reserved Forests for which final maps have been prepared.

District.	Area of reserved forests.	Area of reserved forests for which final maps have been prepared.
	SQ. MILES.	SQ. MILES.
Ganjám	598	598
Vizagapatam	298	14
Gódávari, Upper	461	186
Do. Lower	407	407
Kistna	280	117
Guntúr	814	462
Kurnool (East)	1,479	1,366
Do. (West)	1,079	766
Bellary	624	513
Anantapur	529	515
Cuddapah, North	761	761
Do. East	980	980
Do. South	551	551
Nellore	738	512
Chingleput	214	214
Arcot, North	1,290	1,276
Do. South	668	663
Salem, North	874	874
Do. South	728	697
Trichinopoly	313	108
Tanjore	19	19
South Canara	804	789
Malabar, North	260	260
Do. South	196	11
The Nilgiris	459	459
Coimbator, North	1,333	1,084
Do. South	686	686
Madura	666	666
Tinnevelly	437	416
Total	18,541	15,970

ANNUAL FORM No. 44.

Forest Department, Madras Presidency.

AREA of reserved forests and reserved lands during 1906–1907.

District.	Area of reserved forests.						Area of reserved lands.						Total area of reserved forests and reserved lands.
	Area on 1st July 1906.		Added during the year.	Excluded during the year.	Area on 30th June 1907.		Area on 1st July 1906.		Added during the year.	Excluded during the year.	Area on 30th June 1907.		
	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.	Acres.	Equivalent in square miles.	Acres.	Acres.	Acres.	Equivalent in square miles.	
Northern Circle.													SQ. MLS.
Ganjám	344,684	538	38,400	..	383,084	598	38,400	60	..	38,400	..	..	598
Vizagapatam	190,700	298	..	..	190,700	298	30,009	47	..	..	† 30,009	47	345
Gódávari, Upper	294,802	461	..	..	294,802	461	..	..	..	..	..	..	461
Do. Lower	260,692	407	..	..	260,692	407	47,955	75	..	..	47,955	75	482
Kistna	179,419	280	..	..	179,419	280	23	..	..	..	23	..	280
Guntúr	521,209	814	30	..	521,239	814	..	..	..	..	..	..	814
Kurnool, East	946,172	1,479	..	..	946,172	1,479	..	..	..	..	..	..	1,479
Do. West	680,743	1,064	9,697	..	690,440	1,079	56,311	88	..	9,977	46,334	72	1,151
Bellary	399,430	624	..	..	399,430	624	40,000	63	1,093	..	41,093	65	689
Anantapur	326,470	510	11,744	..	338,214	529	12,465	19	6,958	11,744	7,679	12	541
Total ..	4,144,321	6,475	59,871	..	4,204,192	6,569	225,163	352	8,051	60,121	173,093	271	6,840
Central Circle.													
Cuddapah, North	456,873	714	30,045	..	486,918	761	..	..	..	..	..	..	761
Do. East	627,373	980	..	..	627,373	980	68,404	107	..	30,045	38,359	60	1,040
Do. South	353,002	552	..	..	353,002	551	..	..	..	..	..	..	551
Nellore	472,791	739	436	1,097	472,130	738	..	..	..	..	..	..	738
Chingleput	136,813	214	..	..	136,813	214	..	..	..	..	..	..	214
Arcot, North	825,349	1,290	17	1	825,365	1,290	836	1	..	18	818	1	1,291
Do. South	424,650	663	..	5	424,645	663	..	.	..	..	..	..	663
Salem, North	548,270	857	10,984	..	559,254	874	42,146	66	1,112	13,968	29,290	46	920
Do. South	466,151	728	..	428	465,723	728	2,759	4	11,592	567	13,784	21	749
Trichinopoly	200,297	313	..	..	200,297	313	1,140	2	1,256	..	2,396	4	317
Tanjore	12,461	20	..	..	12,461	19	..	..	358	..	358	1	20
Total ..	4,524,030	7,070	41,482	1,531	4,563,981	7,131	115,285	180	14,318	44,598	85,005	133	7,264
Southern Circle.													
Canara, South	462,287	722	52,294	75	514,506	804	215,518	337	1,311	58,730	158,099	247	1,051
Malabar, North	163,763	256	2,475	83	166,155	260	2,510	4	729	2,475	764	1	261
Do. South	124,447	194	1,104	..	125,551	196	42,032	66	..	1,106	40,926	64	260
The Nilgiris	264,749	414	* 29,140	..	293,889	459	54,869	85	50	..	54,919	86	545
Coimbatore, North	875,641	1,368	6,796	* 29,140	853,297	1,333	174,476	273	8,595	6,796	176,275	276	1,609
Do. South	439,049	686	..	303	438,746	686	..	..	..	..	..	..	686
Madura	426,503	666	..	..	426,503	666	..	..	..	..	..	..	666
Tinnevelly	279,525	437	..	..	279,525	437	281	..	227	..	508	1	438
Total ..	3,035,964	4,743	91,809	29,601	3,098,172	4,841	489,686	765	10,912	69,107	431,491	675	5,516
Grand Total ..	11,704,315	18,288	193,162	31,132	11,866,345	18,541	830,134	1,297	33,281	173,826	689,589	1,079	19,620

* Transferred to the Nilgiris from North Coimbatore.

† Excludes 388,531 acres of forest under the disposal of Government in the Palkonda and Agency tracts for the management of which special rules have been framed under section 26 of the Forest Act.

Form No. 44.

District.	Name of forest.	Area on 1st July 1906. Acres.	Area on 1st July 1906. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1907. Acres.	Area on 30th June 1907. Equivalent in square miles.	Number and date of notification of addition or transfer.
	NORTHERN CIRCLE.							
	Reserved forests.							
Ganjám.	Pondakhol	..	..	38,400	..	38,400	..	No. 496, dated 3rd November 1906.
	Area notified in previous years ..	344,684	..	..	..	344,684	..	
	Total ..	344,684	538	38,400	..	383,084	598	
	Reserved lands not transferred to reserved forests during the year—Nil.							
	Reserved forests.							
Vizagapatam.	Area notified in previous years ..	190,700	298	..	..	190,700	298	
	Reserved lands not transferred to reserved forests during the year.							
	Barnakonda	162	..	..	..	162	..	No. 343, dated 19th September 1906.
	Samaralli	2,625	..	..	..	2,625	..	
	Area notified in previous years ..	27,222	..	..	..	27,222	..	
	Total ..	30,009	47	..	..	* 30,009	47	
	Reserved forests.							
Gódávari (Upper).	Area notified in previous years..	294,802	461	..	..	294,802	461	
	Reserved lands not transferred to reserved forests during the year—Nil.							
Gódávari (Lower).	Area notified in previous years..	260,692	407	..	..	260,692	407	
	Reserved lands not transferred to reserved forests.							
	Area notified in previous years..	47,955	75	..	..	47,955	75	
	Reserved forests.							
Kistna..	Area notified in previous years..	179,419	280	..	..	179,419	280	
	Reserved lands not transferred to reserved forests during the year.							
	Area notified in previous years ..	23	..	..	..	23	..	
	Reserved forests.							
Guntúr.	Area notified in previour years ..	521,209	814	30	..	521,239	814	
	Reserved lands not transferred to reserved forests—Nil.							
	Reserved forests.							
Kurnool (East).	Area notified in previous years..	946,172	1,479	..	..	946,172	1,479	
	Reserved lands not transferred to reserved forests during the year— Nil.							
	Reserved forests.							
Kurnool (West).	Yemboyi	..	..	3,426	..	3,426	..	No. 204, dated 26th April 1906.
	Rungapuram	..	..	5,628	..	5,628	..	No. 504, dated 13th November 1906.
	Owk extension	..	..	643	..	643	..	No. 505, dated 13th November 1906.
	Area notified in previous years ..	680,743	..	..	..	680,743	..	
	Total ..	680,743	1,064	9,697	..	690,440	1,079	
	Reserved lands not transferred to reserved forests during the year.							
	Area notified in previous years..	46,614	72	..	† 280	46,334	72	
	Reserved forests.							
Bellary.	Area notified in previous years..	399,430	624	..	..	399,430	624	
	Reserved lands not transferred to reserved forests during the year.							
	Area notified in previous years..	40,000	63	1,093	..	41,093	635	

* Excludes 388, 531 acres of forest under the disposal of Government in the Palkonda and Golgonda Agency tracts for the management of which special rules have been framed under section 26 of the Forest Act.

† Excluded at settlement.

District.	Name of forest.	Area on 1st July 1906. Acres.	Area on 1st July 1906. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1907. Acres.	Area on 30th June 1907. Equivalent in square miles.	Number and date of notification of addition or transfer.
	NORTHERN CIRCLE—*cont.*							
	Reserved forests.							
Anantapur.	Gudipad	..	..	2,522	..	2,522	..	No. 191, dated 17th April 1906.
	Yadiki extensions I to VI ..	..	..	225	..	225	..	No. 193, dated 20th April 1906.
	Muchukota additions I to VII ..	..	..	47	..	47	..	No. 196, dated 20th April 1906.
	Yadiki additions I to VIII ..	..	..	23	..	23	..	Do.
	Ravulidiki addition	..	..	6	..	6	..	No. 256, dated 29th May 1906.
	Muchukota addition VIII ..	..	..	12	..	12	..	No. 267, dated 2nd June 1906.
	Yerlampalli addition II	..	..	13	..	13	..	No. 425, dated 17th September 1906.
	Katrimala reserve additions I, II.	..	..	79	..	79	..	No. 426, dated 17th September 1906.
	Elavalakonda addition	..	..	4	..	4	..	No. 478, dated 24th October 1906.
	Neradikonda addition	..	..	7	..	7	..	No. 534, dated 3rd December 1906.
	Illur extension	..	..	871	..	871	..	No. 569, dated 15th December 1906.
	Guttur reserve addition	..	..	9	..	9	..	No. 570, dated 18th December 1906.
	Jumbugurmpala	..	..	4,950	..	4,950	..	No. 26, dated 24th December 1906.
	Janneavulapalli additions I & II.	..	..	22	..	22	..	No. 110, dated 7th March 1907.
	Beluguppa	..	..	2,954	..	2,954	..	No. 111, dated 7th March 1907.
	Area notified in previous years.	..	..	..	..	326,470	..	
	Total ..	326,470	510	11,744	..	338,214	529	
	Reserved lands not transferred to reserved forests during the year.							
	Yellutla addition I	..	..	1	..	1	..	No. 126, dated 16th March 1906.
	Area notified in previous years.	721	..	6,957	..	7,678	..	
	Total ..	721	1	6,958	..	7,679	12	
	CENTRAL CIRCLE.							
	Reserved forests.							
Cuddapah, North.	Ganganapalle extension	..	..	30,045	..	30,045	..	No. 34, dated 9th January 1907.
	Area notified in previous years.	456,873	..	..	..	456,873	..	
	Total ..	456,873	714	30,045	..	486,918	761	
	Reserved lands not transferred to reserved forests during the year—Nil.							
	Reserved forests.							
Cuddapah, East.	Area notified in previous years ..	627,372	980	..	..	627,372	980	
	Reserved lands not transferred to reserved forests during the year.							
	Area notified in previous years ..	38,359	60	..	..	38,359	60	
	Reserved forests.							
Cuddapah, South.	Area notified in previous years ..	353,002	552	..	..	353,002	551	
	Reserved lands not transferred to reserved forests during the year—Nil.							
	Reserved forests.							
Nellore.	Vedanaparte	850	..	..	* 850	..	..	No. 431, dated 28th September 1906.
	Area notified in previous years ..	471,941	..	† 436	* 247	472,130	..	No. 453, dated 13th October 1906.
	Total ..	472,791	739	436	1,097	472,130	738	
	Reserved lands not transferred to reserved forests during the year—Nil.							
	Reserved forests.							
Chingleput.	Area notified in previous years ..	136,813	214	..	..	136,813	214	

* Disafforested. † Rectification.

District.	Name of forest.	Area on 1st July 1906. Acres.	Area on 1st July 1906. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1907. Acres.	Area on 30th June 1907. Equivalent in square miles.	Number and date of notification of addition or transfer.
	CENTRAL CIRCLE—*cont.*							
	Reserved lands not transferred to reserved forests during the year—Nil.							
	Reserved forests.							
Arcot, North.	Chittapara	..	..	12	..	12	..	No. 325, dated 4th July 1906.
	Whitesides garden	..	..	5	..	5	..	No. 421, dated 14th September 1906.
	Area notified in previous years ..	825,349	..	..	1	825,348	..	
	Total ..	825,349	1,290	17	* 1	825,365	1,290	
	Reserved lands not transferred to reserved forests during the year.							
	Area notified in previous years ..	818		..	..	818	1	
	Reserved forests.							
Arcot, South.	Area notified in previous years ..	424,650	663	..	† 5	424,645	663	No. 368, dated 24th August 1906.
	Reserved lands not transferred to reserved forests during the year—Nil.							
	Reserved forests.							
Salem, North.	Nyasamanthiram agraharam ..	..	..	424	..	424	..	No. 222, dated 2nd May 1906.
	Mangalam South extension bits I & II.	..	..	2,550	..	2,550	..	No. 315, dated 26th June 1906.
	Hulibanda	..	..	8,010	..	8,010	..	No. 242, dated 24th April 1906.
	Area notified in previous years ..	548,270	..	..	..	548,270	..	
	Total ..	548,270	857	10,984	..	559,254	874	
	Reserved lands not transferred to reserved forests during the year.							
	Area notified in previous years ..	31,162	51	‡ 1,112	§ 2,984	29,290	46	
	Reserved forests.							
Salem, South.	Area notified in previous years ..	466,151	728	..	‡ 428	465,723	728	
	Reserved lands not transferred to reserved forests during the year.							
	Area notified in previous years ..	2,759	4	11,592	§ 567	13,784	21	
	Reserved forests.							
Trichinopoly.	Area notified in previous years ..	200,297	313	..	..	200,297	313	
	Reserved lands not transferred to reserved forests during the year							
	Area notified in previous years ..	1,140	2	1,256	..	2,396	4	
	Reserved forests.							
Tanjore.	Area notified in previous years ..	12,461	19	..	..	12,461	19	
	Reserved lands not transferred to reserved forests during the year.							
	Vengur padugai	..	..	358	..	358	1	

* Disafforested.
† Portion of the Nabob's tope reserve disafforested.
‡ Rectification.
§ Excluded at settlement.

District.	Name of forest.	Area on 1st July 1906. Acres.	Area on 1st July 1906. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1907. Acres.	Area on 30th June 1907. Equivalent in square miles.	Number and date of notification of addition or transfer.
	SOUTHERN CIRCLE.							
	Reserved forests.							
Canara South.	Balpa	..	..	2,082	..	2,082	..	No. 124, dated 16th March 1906.
	Aranthakallu	..	..	757	..	757	..	No. 203, dated 25th April 1906.
	Virakhamba bits I and II ..	..	..	1,605	..	1,605	..	No. 324, dated 4th July 1906.
	Bantamale and its extensions I and II.	..	..	2,930	..	2,930	..	No. 452, dated 8th September 1906.
	Kalanjimalai	..	..	2,898	..	2,898	..	No. 462, dated 10th October 1906.
	Kiribag	..	..	9,909	..	9,909	..	No. 464, dated 10th October 1906.
	Mandekole	..	..	5,344	..	5,344	..	No. 568, dated 15th December 1906.
	Anegundi	..	..	3,252	..	3,252	..	No. 25, dated 4th January 1907.
	New Someshwar	..	..	2,530	..	2,530	..	No. 46, dated 19th January 1907.
	Hale Someshwar and its extension I.	..	..	1,867	..	1,867	..	Do.
	Dharmastala Mundaje extension IV.	..	..	1	..	1	..	No. 62, dated 1st February 1907.
	Medinadka East and West ..	..	..	3,839	..	3,839	..	No. 68, dated 9th February 1907.
	Alleti West	..	..	3,878	..	3,878	..	Do.
	Do. East..	..	..	5,301	..	5,301	..	Do.
	Todikan	..	..	3,071	..	3,071	..	Do.
	Jalsur East and West	..	..	3,030	..	3,030	..	No. 69, dated 12th February 1907.
	Area notified in previous years.	462,287	..	..	* 32 † 43	462,212	..	No. 420, dated 17th September 1906.
	Total ..	462,287	722	52,294	75	514,506	804	
	Reserved lands not transferred to reserved forests during the year.							
	Medinadka extension	4	..	..	..	4	..	No. 364, dated 11th Augut 1906.
	Sampaje extension II	23	..	..	..	23	..	No. 365, dated 11th August 1906.
	Kilarmale extension II	27	..	..	..	27	..	No. 412, dated 27th August 1906.
	Do. do. III ..	6	..	..	..	6	..	
	Do. do. IV	5	..	..	..	5	..	
	Abbigudde extension I	..		23	..	23	..	No. 432, dated 19th September 1906.
	Kilarmale extension V	..	..	2	..	2	..	No. 255, dated 18th May 1907.
	Do. do. VI	..	..	9	..	9	..	Do.
	Naravi extension V	..	..	12	..	12	..	No. 292, dated 3rd June 1907.
	Shiradisisla extension III ..	342	..	..	..	342	..	No. 293, dated 3rd June 1907.
	Do. do. IV ..	143	..	..	..	143	..	
	Balpa extension IV	1,308	..	..	..	1,308	..	No. 294, dated 3rd June 1907.
	Durgamale extension	..	..	6	..	6	..	No. 306, dated 4th June 1907.
	Chinkramale extension	..	..	3	..	3	..	No. 322, dated 19th June 1907.
	Andar extension I	..	..	10	..	10	..	No. 323, dated 18th June 1907.
	Area notified in previous years ..	161,366	..	26 * 1,220	‡ 6,436	156,176	..	
	Total ..	163,224	255	1,311	6,436	158,099	247	

* Rectification. † Portion of Naravi disafforested. ‡ Excluded at settlement.

Range.	Name of forest.	Area on 1st July 1906. Acres.	Area on 1st July 1906. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1907. Acres.	Area on 30th June 1907. Equivalent in square miles.	Number and date of notification of addition or transfer.
	SOUTHERN CIRCLE—*cont.*							
	Reserved forests.							
Malabar, North.	Nemmenad	..	..	900	..	900	..	No. 223, dated 4th May 1906.
	Kambanmalai	..	..	1,575	..	1,575	..	No. 272, dated 2nd June 1906.
	Area notified in previous years ..	163,763	..	..	‡ 83	163,680	..	
	Total ..	163,763	256	2,475	83	166,155	260	
	Reserved lands not transferred to reserved forests during the year.							
	Huntley estate	..	..	718	..	718	..	No. 517, dated 15th November 1906.
	Padri addition	..	..	11	..	11	..	No. 224, dated 30th April 1907.
	Area notified in previous years ..	35	..	..	..	35	..	
	Total ..	35	..	729	..	764	1	
	Reserved forests.							
Malabar, South.	Panakadan block	..	..	1,104	..	1,104	..	No. 338, dated 27th July 1906.
	Area notified in previous years ..	124,447	..	..	..	124,447	..	
	Total ..	124,447	194	1,104	..	125,551	196	
	Reserved lands not transferred to reserved forests during the year.							
	Area notified in previous years ..	40,928	64	..	* 2	40,926	64	
	Reserved forests.							
Nilgiris, The.	Area notified in previous years ..	264,749	414	† 29,140	..	293,889	459	No. 132, dated 7th March 1906.
	Reserved lands not transferred to reserved forests during the year.							
	Marlimund reserve addition ..	..	..	25	..	25	..	No. 430, dated 22nd September 1906.
	Honnathalai reserve addition No. I.	..	..	12	..	12	..	
	Honnathalai reserve addition No. II.	..	..	13	..	13	..	
	Area notified in previous years ..	54,869	..	..	..	54,869	..	
	Total ..	54,869	86	50	..	54,919	86	
	Reserved forests.							
Coimbatore, North.	Doddasambagai addition ..	..	..	1	..	1	..	
	Pachapaimalai	..	..	6,795	..	6,795	..	No. 367, dated 11th August 1906.
	Area notified in previous years ..	875,641	..	..	† 29,140	846,501	..	
	Total ..	875,641	1,368	6,796	29,140	853,297	1,333	
	Reserved lands not transferred to reserved forests during the year.							
	Doddasampagai extension ..	..	..	654	..	654	..	No. 243, dated 9th May 1907.
	Guttialattur enclosures	..	..	321	..	321	..	No. 258, dated 15th May 1907.
	Area notified in previous years ..	167,680	..	7,620	..	175,300	..	
	Total ..	167,680	262	8,595	..	176,275	276	
	Reserved forests.							
Coimbatore, South.	Area notified in previous years ..	4,39,049	686	..	‡ 303	4,38,746	686	

* Excluded at settlement. † Transferred from North Coimbatore division. ‡ Rectification.

District.	Name of forest.	Area on 1st July 1906. Acres.	Area on 1st July 1906. Equivalent in square miles.	Added during the year. Acres.	Excluded or transferred to other heads. Acres.	Area on 30th June 1907. Acres.	Area on 30th June 1907. Equivalent in square miles.	Number and date of notification of addition or transfer.
	SOUTHERN CIRCLE—*cont.*							
	Reserved lands not transferred to reserved forests during the year.							
South Coimbatore.	Walayar addition	..	..	15	..	15	..	No. 495, dated 5th November 1906.
	Reserved forests.							
Madura.	Area notified in previous years ..	426,503	666	..	..	426,503	666	
	Reserved lands not transferred to reserved forests during the year—Nil.							
	Reserved forests.							
Tinnevelly.	Area notified in previous years ..	279,525	437	..	..	279,525	437	
	Reserved lands not transferred to reserved forests during the year.							
	Taraganur estate	..	..	110	..	110	..	No. 366, dated 11th August 1906.
	Srívilliputtur ghât reserve addition.	..	..	8	..	8	..	No. 194, dated 15th April 1907.
	Area notified in previous years ..	281	..	109	..	390	..	No. 525, dated 22nd November 1906.
	Total ..	281	..	227	..	508	1	

FORM

Forest Department,

STATEMENT showing the Progress made in, and the Expenditure

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year. Number and date of Government Order according final sanction to the settlement.	Name of forest settled.	Area.	Expenditure incurred during the year on areas finally settled. In forest accounts.	In other accounts.	Entire cost per square mile of areas finally settled during the year.
1	2	3	4	5	6	7	8
							Northern
	SQ. MLS.			SQ. MLS.	RS.		
Ganjám ..	538	No. 1103, Revenue, dated 3rd November 1906.	Pondakhol	60	..	..	..
Vizagapatam.	297·87	....	....	..	..	..	..
Upper Gódávari.	460·63	....	....	..	..	..	..
Lower Gódávari	407	....	....	..	..	..	..
Kistna ..	280·34	....	....	..	..	..	..
Guntúr ..	814·43	....	....	..	..	..	..
Kurnool, East.	1,479	....	....	..	..	..	..
Kurnool, West.	1,069	No. 1126, Revenue, dated 13th November 1906.	Owk reserve extension ..	1	..	..	..
		No. 1125, Revenue, dated 13th November 1906.	Rangapuram reserve	9	..	..	..
			Total ..	10	* +131	..	..
Bellary ..	624	....	....	..	..	..	..
Anantapur.	515	No. 914, Rev., dated 17th September 1906.	Katrimala reserve additions I and II.	0·12	..	..	..
		No. 913, Rev., dated 17th September 1906.	Yerlampalli addition II ..	0·02	..	..	..
		No. 1025, Rev., dated 13th October 1906.	Elavalakonda addition ..	0·01	..	..	..
		No. 1189, Rev., dated 3rd December 1906.	Neredikonda addition	0·01	..	..	..
		No. 1229, Rev., dated 15th December 1906	Illur extension	1·36	16	..	..
		No. 1239, Rev., dated 18th December 1906.	Guttur reserve addition ..	0·01	..	..	..
		No. 1262, Rev., dated 24th December 1906.	Jambugampalli block	7·73	..	..	..
		No. 527, Rev., dated 6th March 1907.	Beluguppa block	4·61	..	..	..
		No. 541, Rev., dated 7th March 1907.	Janneavulapalli additions I and II.	0·03	..	..	..
			Total ..	13·90	16	..	Re. 1 per square mile.
							Central
North Cuddapah.	760·80	No. 61, Rev., dated 9th January 1907.	Ganganapalli extension ..	..	..	..	..
East Cuddapah.	980·26	....	....	..	..	..	..
South Cuddapah.	551	....	....	..	..	..	..

* Amount spent on the demarcation of fuel coupes in the Yerramalais reserves and of reserves already notified in previous years.

No. 45.

Madras Presidency.

incurred on, Forest Settlements, during 1906–1907.

Areas undergoing settlement.						
At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		Estimate of areas in which settlement operations have not yet commenced.
Name of tract.	Area.	Name of tract.	Area.	In forest accounts.	In other accounts.	
9	10	11	12	13	14	15
Circle.						
	SQ. MLS.		SQ. MLS.			SQ. MLS.
....	..	....	..	..	..	..
....	..	Barnakonda extension ..	0·25	..	..	* 19
....	..	Samaralli extension	4·19	..	..	..
Coringa extension	75	....	..	..	..	..
....	..	....	..	..	..	04
....	..	....	..	..	..	..
....	..	....	..	..	..	..
....	..	....	..	..	..	..
Gani	72	....	..	..	..	..
Total ..	..	Total ..	..	..	..	..
....	..	....	..	..	..	† 3·17
....	..	....	..	..	..	..
Hottabetta North addition ..	0·02	....	..	..	..	..
....	..	....	..	..	..	..
....	..	1. Yellutla addition	0·01	..	..	..
....	..	2. Yerlampalli addition No. III	0·01	..	..	..
....	..	....	..	..	..	..
....	..	....	..	..	..	..
....	..	....	..	..	..	..
....	..	....	..	..	..	..
Total ..	..	Total ..	0·02	..	..	80
Circle.						
....	..	....	..	..	..	..
Seshachellam extension ..	60	....	..	..	..	..
....	..	....	..	..	..	..

	ACS.	
† Sandal area near Chelakanahalli	928·25	
(2) Extension of the Yerruru south-west reserve	9·27	
(3) Moka Casuarina plantation	1,092·56	
	2,030·08	
	3·17	Sq. mls.

Statement showing the Progress made in, and the Expenditure

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.					
		Number and date of Government Order according final sanction to the settlement.	Name of forest settled.	Area.	Expenditure incurred during the year on areas finally settled.		Entire cost per square mile of areas finally settled during the year.
					In forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8
							Central
	SQ. MLS.			SQ. MLS.	RS. A. P.		
Nellore ..	738	....	....	..	..	..	..
Chingleput ..	214	....	....	..	..	..	..
North Arcot.	1,289·61	No. 908, Rev., dated 14th Sept. 1906.	Whitesides garden	·017	..	..	..
		....	.. :	..	..	..	..
South Arcot.	663	....	....	..	..	..	..
North Salem.	857	No. 590, Rev., dated 26th June 1906.	Mangalam South extension bits I and II.	4	..	..	..
		No. 962, Rev., dated 24th April 1907.	Hulibanda	12½	..	..	..
			Total ..	16½	..	..	..
South Salem.	(a)727·69	....	....	..	..	..	..
Trichinopoly.	313	....	....	..	..	..	..
Tanjore ..	19	....	....	..	..	..	..
							Southern
South Canara.	722	No. 246, Rev., dated 16th March 1906.	Balpa	3		..	..
		No. 372, Rev., dated 25th April 1906.	Aranthakallu	1		..	..
		No. 622, Rev., dated 4th July 1906.	Virkhamba bit I .. .. Do. bit II	3		..	..
		No. 876, Rev., dated 8th September 1906.	Bantamale	5		..	..
			Do. extension I ..	..		..	..
			Do. do. II ..	..		..	..
		No. 1007, Rev., dated 10th October 1906	Kalaujimale	5		..	..
		No. 991, Rev., dated 5th October 1906.	Kiribhag	15		..	..
		No. 1231, Rev., dated 15th December 1906.	Mandekole	8		..	..
		No. 1258, Rev., dated 22nd December 1900.	Anegundi	5	123 11 2	..	..
		No. 318, Rev., dated 9th February 1907.	Madinadka East .. .. Do. West	6		..	..
			Aletti West	6		..	..
			Do. East	8		..	..
			Todikan	5		..	..
		No 342, Rev., dated 12th February 1907.	Jalsur East .. .. .. Do. West	5		..	..
		No. 241, Rev., dated 1st February 1907.	Dharmastala Mundaje extension I.	..		..	..
		No. 129, Rev., dated 19th January 1907.	New Someshwar	4		..	..
			Hale Someshwar	3		..	..
			Do. extension ..	..		..	..
			Total ..	* 82	123 11 2	..	..

(a) Difference is due to the correct area of the Shelur reserve on the Kollmalais having been shown for the first time, the previous figure being wrongly calculated.

* This area is exclusive of the area excluded during settlement.

incurred on, Forest Settlements, during 1906–1907—*cont.*

Areas undergoing settlement.						Estimate of areas in which settlement operations have not yet commenced.
At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
Name of tract.	Area.	Name of tract.	Area.	In forest accounts.	In other accounts.	
9	10	11	12	13	14	15
Circle—cont.						
	SQ. MLS.		SQ. MLS.	RS. A. P.		SQ. MLS.
....	..	....	..	..	..	.... *
....	..	....	..	..	..	....
Bommasamudram C block ..	·726	....	..	..	..	....
Extension to Mamandur extension.	·041	....	..	..	..	....
Total ..	·767	Total ..	..	..	..	....
....	..	....	..	..	..	....
Hudaidurgam	46	....	..	..	..	....
....	..	....	..	..	..	....
Total ..	46	Total ..	..	..	..	....
Nagur extension A .. / Do. B ..	(*b*) 3·42	....	..	..	..	18
Mogavanur	1·78	....	..	..	..	7·03
....	..	....	..	..	..	....
Circle.						
Kilarmale	15	Abbegudde extension	..	538 8 2 ‡ (for all items of the Circle)	..	162
Bakudihola extension ..	..	Durgamale extension	..		..	....
Sampaje	23	Chinkramale extension II ..	..		..	....
Pumale	9	Andar extension	..		..	....
Nalkur	12	Naravi extension V	..		..	....
Devachalla	6	Shiradi Sisla extension III ..	1		..	....
Dharmastala Mundaje extension II.	1	Do. IV ..	..		..	....
Do. III.	1	Medinadka extension	..		..	...
Suvarmale	2	Sampage extension II	..		..	....
Dadanthamale	4	Kilarmale extension II ..	..		..	....
Kunthur extension II	..	Do. III ..	..		..	
Dharmastala Mundaje extension IV.	2	Do. IV ..	..		..	....
Shiradi Sisola extension II ..	..	Do. V	..		..	....
Ballery	1	Do. VI ..	..		..	....
Kannadka	2	Balpa extension	2		..	....
Bantaje	4	....	..		..	....
Sampaje extension I	..	....	..		..	....
....	..	....	..		..	....
....	..	....	..		..	....
....	..	....	..		..	....
....	..	....	..		..	....
Total ..	82	Total ..	3	538 8 2	..	162

(*b*) Out of 4·31 square miles 0·89 square miles was thrown out from the block for communal privileges.

‡ Total expenditure equals Rs. 662-3-4. This is exclusive of Rs. 25 the expenditure for the acquisition of land in Aivarnad reserve which was finally settled in the year 1905–06 and Rs. 2,021-0-7 the cost of acquisition of the site of the depots at Coondapoor, Mangalore and Wandee. The total amount under A-VIII (*b*) as per Form No. 59 = Rs. 2,708-8-11.

Statement showing the Progress made in, and the Expenditure

Name of forest district.	Area already settled at commencement of year.	Areas finally settled during the year.					
		Number and date of Government Order according final sanction to the settlement.	Name of forest settled.	Area.	Expenditure incurred during the year on areas finally settled.		Entire cost per square mile of areas finally settled during the year.
					In-forest accounts.	In other accounts.	
1	2	3	4	5	6	7	8
Southern							
	SQ. MLS.			SQ. MLS.			
Malabar, North.	260	....	....	..	..	..	..
	..	....	....	..	..	..	..
Malabar, South.	194	No. 724, Revenue, dated 27th July 1906.	Panakadan block	1·40	..	..	..
Nilgiris, The	413·67 * 45·53	....	....	..	..	..	..
	..	....	....	..	..	..	..
	..	....	....	..	..	..	..
				..	..	..	..
Coimbatore, North.	1,378 *—45·53	....	Pachapalimalai	10	..	..	..
	..	....	....		..	..	..
				..	..	..	..
Coimbatore, South.	† 685·53	....	....	..	..	..	..
Madura ..	666	....	....	..	..	..	..
Tinnevelly ..	436·758	No. 1113, dated 10th May 1907.	Taraganar estate	‡ ·172	..	..	..

* Transferred from Coimbatore, North division—*vide* notification No. 132, dated 7th March 1906, published in *Fort St. George Gazette*, dated 13th March 1906.

† Includes 14·708 acres disafforested in 1905 and renotified.

‡ This has been notified under section 16 with effect from 15th July 1907.

incurred on, Forest Settlements, during 1906–1907—*cont.*

Areas undergoing settlement.						Estimate of areas in which settlement operations have not yet commenced.
At commencement of the year.		Taken in hand during the year.		Expenditure incurred during the year on areas undergoing settlement.		
Name of tract.	Area.	Name of tract.	Area.	In forest accounts.	In other accounts.	
9	10	11	12	13	14	15
Circle—cont.						
	SQ. MLS.		SQ. MLS.			
Begur addition	·02	Huntley	1·12	..	..	..
....	..	Padri addition	·02	..	..	..
The Silent Valley	45	....	..	..	..	(a) ..
....	..	Marlimund reserve addition ..	·04	..	..	..
....	..	Honnathalai reserve addition No. I to block No. II.	·02	..	..	..
....	..	Honnathalai reserve addition No. II to block No. II.	·02	..	..	..
Total ..	..	Total ..	·08	..	..	..
Madeswaranmalai and its extension.	246	Doddasamagai addition ..	1	..	..	10
Ennamangalam	16	Guttialattur extension ..	0·50	..	..	..
Total ..	262	Total ..	1·50	..	..	10
....	..	Walayar	·02	..	..	..
....	..	....	..	..	..	..
Naranapuram block	0·609	Survey field Nos. 1869, 1870 and 1871 of Valaikulam village, Srivilliputtur ghat forest reserve.	0·012	..	..	..

(*a*) 19 square miles of leased forests notified as reserved land under section 26 have been excluded from this return.

Form No. 46.

Forest Department, Madras Presidency.

Record of Demarcation and Maintenance of Boundaries.

District.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries still to be demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.	
								On new work.	On repairs.
1	2	3	4	5	6	7	8	9	10
Northern Circle.	MILES.	MILES.	MILES.	MILES.	MILES.	MILES.	MILES.	RS.	RS.
Ganjám	...	181	982	1,163	...	80	1,243	3,694	{ 577 + (f) 627
Vizagapatam	...	450	...	450	...	...	450	...	20
Gódávari, Upper	4	(a) 419	...	423	...	143	566	123	+ (e) 37
Do. Lower	13	(a) 729	64	806	...	62	868	200	{ (b) 463 + (e) 1
Kistna	5	10	484	499	4	41	544	392	81
Guntúr	...	12	1,377	1,389	...	...	1,389	...	443
Kurnool, East	44	15	1,075	1,134	4	79	1,217	731	181
Do. West	80	137	843	1,060	95	140	(c) 1,295	68	63
Bellary	32	64	1,650	1,746	24	...	1,770	264	{ 412 − (e) 1
Anantapur	6	56	1,263	1,325	33	...	1,358	2,200	750
Total, Northern Circle ...	184	{ 925 (a) 1,148 }	7,738	9,995	160	545	10,700	7,672	3,654
Central Circle.									
Cuddapah, North		(a) 917	460	1,378	...	29	1,407	...	11
Do. East	3	740	375	1,118	...	20	1,138	44	102
Do. South	6	1,088	...	1,094	not reported.		1,094	71	...
Nellore	25	{ (a) & (i) 2,071 }	...	2,096	10	84	2,190	67	{ 21 − (e) 3
Chingleput	...	714	210	924	...	...	924	...	{ 1,262 + (e) 40
Arcot, North	5	2,402	33	2,440	...	44	2,484	50	316
Do. South	12	{ (a) 899 5 }	1,376	2,292	70	...	2,362	179	{ 265 − (e) 4
Salem, North	...	1,030	328	1,358	62	65	1,485	68	{ 165 + (e) 1
Do. South	47	1,117	105	1,269	9	5	1,283	...	{ 256 + (e) 1
Trichinopoly	6	687	177	870	43	33	946	15	{ 319 + (e) 1
Tanjore	...	...	79	79	...	...	79	...	...
Total, Central Circle ...	105	{ 7,783 (a) 3,887 }	3,143	14,918	194	280	15,392	494	2,753
Southern Circle.									
Canara, South	127	25	3,168	3,320	381	110	3,811	1,380	{ 40 − (g) 56
Malabar, North	8	199	846	1,053	81	26	1,160	172	932
Do. South	...	(h) 134	114	248	27	...	275	...	{ 730 − (e) 1
Nilgiris, The	...	229	1,355	{ 1,584 + (d) 23 }	6	270	1,883	...	2,517
Coimbatore, North	...	...	1,092	1,092	2	223	1,317	...	+ (e) 610
Do. South	...	3	547	550	...	77	627	...	205
Madura	...	(a) 490	1,064	1,554	38	140	1,732	...	2,883
Tinnevelly	...	...	557	557	...	...	557	166	{ 112 − (e) 12
Total, Southern Circle ...	135	{ 590 (a) 490 }	8,743	{ 9,958 + (d) 23 }	535	846	11,362	1,718	7,960
Total Presidency ...	424	{ 9,298 (a) 5,525 }	19,624	{ 34,871 + (d) 23 }	889	1,671	37,454	9,884	14,367

(a) Cleared by the Forest subordinates free of cost.

(b) Establishment charges.

(c) Erroneously entered in the district return as 1,195.

(d) Is the length of the artificial boundary of the newly added tract from Coimbatore, North division.

(e) Added or deducted as per Accountant-General's audited figures.

(f) Amount spent on the demarcation of interior boundaries.

(g) Cash recoveries made, etc.

(h) Includes 112 miles (shown in column 7 of the previous year's return) which was cleared for the Survey of India Party.

(i) The difference of 5 miles between the figure entered in column 5 of the previous year's return and the totals of columns 3 and 4 of this year's return is reported to represent the perimeter of the Vedanaparti reserve which was disafforested during the year.

Form No. 47.

Forest Department, Madras Presidency.

Statement of Forest Areas surveyed and under survey during the year 1906–1907.

District.	Areas surveyed and under survey during the year 1906–1907.															
	Special Surveys—Maps on 4-inch scale or over by Survey of India Department or Madras Survey.								Ordinary, included in district surveys.							
	With interior details.					Boundary surveys.			With interior details.					Boundary surveys.		
	With details of growing stock.		Without details of growing stock.						With details of growing stock.		Without details of growing stock.					
	Previous.	Of year.	Previous.	Of year.	Total cost.	Previous.	Of year.	Total cost.	Previous.	Of year.	Previous.	Of year.	Total cost.	Previous.	Of year.	Total cost.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	S. MLS.		S. MLS.	S. MLS.	RS.	S. MLS.	S. MLS.	RS.			S. MLS.			S. MLS.	S. MLS.	
Northern Circle.																
Ganjám	..	..	412	343	..	390	58	22,206	..	..	..	..	..	..	..	..
Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gódávari, Upper .. .. } Do. Lower .. .. }	..	..	* 716	..	..	* 252	..	..	..	..	..	..	..	..	..	..
Kistna	..	..	88	..	..	27	..	..	..	..	..	..	..	..	..	..
Guntúr	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kurnool, East .. .. } Do. West .. .. }	..	..	† 2,725	..	11,717	937	..	..	..	..	..	..	..	..	..	..
Bellary	..	..	..	..	..	..	..	..	..	..	624	..	..	..	..	..
Anantapur	..	..	168	..	..	..	..	..	..	..	188	..	..	..	..	..
Total, Northern Circle ..	..	..	4,109	343	11,717	1,606	58	22,206	..	..	812	..	..	..	..	..
Central Circle.																
Cuddapah, North .. .. } Do. East .. .. } Do. South .. .. }	..	..	2,213	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	52	..	..	..	121	‡ 245	..	..	..	..	..	..	..	..
Arcot, North	..	..	1,193	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. South	..	..	217	..	8,829	82	..	..	..	..	441	..	..	..	..	..
Salem, North	..	..	850	..	..	..	..	..	..	..	21	..	..	..	..	..
Do. South	..	..	702	..	..	..	..	..	..	..	..	..	..	26	..	..
Trichinopoly	..	..	‡ 52	..	25,000	3	121	246	..	..	..	..	..	310	3	..
Tanjore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total, Central Circle ..	..	..	5,279	..	33,829	85	242	491	..	..	462	..	..	336	3	..
Southern Circle.																
Canara, South	..	..	† 1,226	..	..	592	..	7,390	..	..	..	..	..	..	..	..
Malabar, North	..	..	148	..	..	25	133	7,390	..	..	..	..	..	..	..	..
Do. South	1	..	10	..	..	..	..	..	..	..	2	..	..	..	..	..
The Nilgiris	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Coimbatore, North ..	..	..	† 1,893	34	..	311	..	7,390	..	..	..	..	..	..	..	..
Do. South	..	..	683	..	..	..	..	..	..	..	..	..	..	..	..	..
Madura	..		618	..	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	..	..	437	..	1,563	..	..	..	..	..	..	..	..	..	..	..
Total, Southern Circle ..	1	..	5,018	34	1,563	928	133	22,170	..	..	2	..	..	..	..	..
Grand Total, Presidency.	1	..	14,406	377	47,109	2,619	433	44,867	..	..	1,276	..	..	336	3	..

* These figures are entered by the Survey of India for the Gódávari district.

† Apparently include reserved lands also.

‡ A sum of Rs. 491 is reported to represent the cost incurred by the Survey of India for both the Chingleput and Trichinopoly districts. In the absence of data, the cost has been apportioned equally between the two districts.

Statement of Forest Areas surveyed and under survey during the year 1906-1907—*cont.*

District.	Areas surveyed and under survey during the year 1906-1907—*cont.* Chain and compass or other surveys by local officers. With interior details. 4-inch or over.		Under 4-inch.			Boundary surveys.			Areas remaining to be taken under survey.	Total forest area at end of year, as per Form No. 44.	Cost.		
	Previous.	Of year.	Previous.	Of year.	Total cost.	Previous.	Of year.	Total cost.			Previous.	Of year.	Entire cost of all surveys up to the end of the year.
	18	19	20	21	22	23	24	25	26	27	28	29	30
Northern Circle.	S. MLS.	S. MLS.	S. MLS.	S. MLS.	RS.	L. MLS.	L. MLS.	RS.	S. MLS.	S. MLS.	RS.	RS.	RS.
Ganjám	..	..	..	..	..	..	..	..	..	598	..	228	228
Vizagapatam	298	..	..	..	..	..	..	..	..	298	2,150	..	2,150
Gódávari, Upper	..	..	..	..	..	..	..	..	..	461	..	858	858
Do. Lower	..	..	..	..	..	..	..	..	..	407	..	541	541
Kistna	15	..	..	..	..	155	93	94	63	280	(*a*) 1,378	769	2,147
Guntúr	142	65	..	..	26	184	138	33	..	814	12,955	820	13,775
Kurnool, East	51	..	..	..	530	106	9	110	373	1,479	1,45,956	365	1,47,294
Do. West										1,079		973	
Bellary	..	..	..	..	..	..	..	..	..	624	2,251	376	2,627
Anantapur	159	..	..	..	..	..	14	..	..	529	794	304	1,098
Total, Northern Circle	665	65	..	..	556	445	254	237	436	6,569	1,65,484	(*c*) 5,329 +* 33,609	(*c*) 1,70,813 +* 33,609
Central Circle.													
Cuddapah North										761			
Do. East	..	..	..	..	..	..	..	..	..	980	1,09,418	390	1,09,808
Do. South										551			
Nellore	..	..	..	..	..	..	..	..	..	738	2,278	360	2,638
Chingleput	..	..	..	..	..	..	..	..	..	214	1,597	358	1,955
Arcot North	97	..	..	..	..	..	..	..	..	1,290	18,315	380	18,695
Do. South	6		..	..	52	..	..	..	..	663	9,849	223	10,072
Salem North	..	..	..	..	..	3	..	..	3	874	21,364	1,899	23,263
Do. South	10	2	..	..	759	14	170	1,580	14	728	(*a*) 20,678	2,339 −(*b*)759	22,258
Trichinopoly	1	..	..	..	..	129	3	360	181	313	26,436	376	26,812
Tanjore	19	..	..	..	..	..	..	..	..	19	6		6
Total, Central Circle	133	2	..	..	811	146	173	1,940	198	7,131	2,09,941	(*d*) 5,862 + * 853	(*d*)2,15,803 +* 853
Southern Circle.													
Canara South	..	..	..	..	..	903	3	..	(*f*)119	804	56,400	422	56,822
Malabar North	..	..	..	..	..	..	..	..	..	260	12,179	..	12,179
Do. South	..	..	..	..	..	183	..	..	183	196	(*d*) 1,648	..	1,648
The Nilgiris	..	..	..	..	..	..	..	..	..	459	1,479	360	1,839
North Coimbatore	..	..	..	..	..	..	..	..	..	1,333	93,746	382	94,128
Do. South	..	..	..	..	..	..	..	..	..	686	7,137	1,825	8,962
Madura	..	..	..	..	..	48	..	..	..	666	1,202	1,114	2,316
Tinnevelly	..	..	..	..	..	..	..	..	..	437	1,563	358	1,921
Total, Southern Circle	.	..	..	..	..	1,134	3	..	302	4,841	175,354	(*e*) 4,530 +* 12,476	(*e*) 1,79,884 +* 12,476
Grand Total, Presidency.	798	67	..	..	1,367	1,725	430	2,177	936	18,541	5,50,779	15,721 +* 46,938	5,66,500 +* 46,938

* Survey of India charges.

(*a*) Revised figure adopted by the Collector.
(*b*) Deducted as per Accountant-General's audited figures.
(*c*) Includes Rs. 95 being charges incurred under Northern Circle Direction A-VIII (c) (1).
(*d*) Includes Rs. 296 being charges incurred under Central Circle Direction A-VIII (c) (1).
(*e*) Includes Rs. 69 being charges incurred under Southern Circle Direction A-VIII (c) (1).
(*f*) Includes also reserved lands.

Annual Form No. 48.

Forest Department, Madras Presidency.

Progress made in working-plans during 1906–1907.

District.	Areas for which working-plans have been completed and approved by the Board.		Areas for which working-plans are being compiled or have been compiled but not sanctioned.		Areas for which working-plans have still to be taken in hand.	Total forest area, as in Form No. 44.	Entire cost per square mile of working-plans completed.	Remarks.
	At commencement of year.	During year.	At commencement of year.	Taken in hand during year.				
1	2	3	4	5	6	7	8	9
Northern Circle.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	(*a*) RS.	
Ganjám	451	..	..	..	147	598	3	
Vizagapatam	144	..	..	119	82	345	..	
Gódávari, Upper	337	..	..	..	124	461	— 9	
Do. Lower	(*b*) 39	(*c*) 201	55	..	187	482	335	
Kistna	58	..	33	..	189	280	5	
Guntúr	8	..	3	..	803	814	..	
Kurnool, East	158	..	..	..	1,321	1,479	..	
Do. West . ..	(*d*) 1	373	652	..	125	1,151	..	
Bellary	102	..	191	..	396	689	..	
Anantapur	(*g*) 436	..		..	105	541	..	
Total, Northern Circle ..	1,734	574	934	119	3,479	6,840	334	
Central Circle.								
Cuddapah, North	..	..	..	219	542	761	88	
Do. East	..	..	3	..	1,037	1,040	115	
Do. South	..	..	..	.	551	551	121	
Nellore	(*e*) 114	..	275	295	54	738	131	
Chingleput	..	..	214	..	..	214	31	
Arcot North	948	..	339	.	4	1,291	..	
Do. South	321	.	120	..	222	663	..	
Salem North	(*f*) 242	..	678	..		920	.	
Do. South	547	..	..	..	202	749	758	
Trichinopoly	1	..	36	..	280	317	..	
Tanjore	4	..	5	11	..	20	..	
Total, Central Circle ..	2,177	..	1,670	525	2,892	7,264	1,244	
Southern Circle.								
Canara South	662	..	..	..	389	1,051	..	
Malabar North	178	..	..	..	83	261	..	
Do. South	30	..	..	..	230	260	36	
The Nilgiris	16	..	95	92	342	545	108	
Coimbatore North ..	423	16	..	8	1,162	1,609	4	
Do. South ..	234	12	.	298	142	686	..	
Madura	356	..	310	..	..	666	..	
Tinnevelly	240	..	..	..	198	438	..	
Total, Southern Circle ..	2,139	28	405	398	2,546	5,516	148	
Grand Total, Presidency ..	6,050	602	3,009	1,042	8,917	19,620	1,726	

(*a*) The figures in column 8 represent the total expenditure incurred under A VIII (*d*) in the several districts during the year.

(*b*) Excludes the Ráméswaram reserve (area 800 acres) a working-plan for which was sanctioned in Board's Proceedings, Forest Mis. No. 468, dated 28th June 1899.

(*c*) Area of the working plan for the Peddapur range. This includes Ráméśvaram reserve a working-plan for which was separately sanctioned by the Board.

(*d*) In column 2 of the return for 1905–1906, the area of sanctioned working-plans is entered as 77 square miles. Out of this area, 75¾ square miles are included in the figure shown in column 3 of this return as a revised working-plan for the Yerramalais range was sanctioned in Board's Proceedings, Forest No. 227, dated 19th October 1906.

(*e*) In column 2 of form No. 48 for 1905–1906, the area of working-plans sanctioned by the Board is entered as 218 square miles. This included the area of 104 square miles covered by the Rapur goat browsing scheme sanctioned in Board's Proceedings, Forest Mis. No. 215, dated 8th April 1903, and No. 58, Press, dated 9th March 1905, and hitherto treated as a working-plan. This scheme is no longer in force and the area in question is therefore excluded.

(*f*) Revised figure reported by the Collector.

(*g*) This includes two square miles being the area of small portions of blocks for which working plans have already been prepared and sanctioned.

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Forest Department,

COMMUNICATIONS

District.	New work undertaken during the year.					
	Buildings.		Roads and paths.			Total expenditure on new work.
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.	
1	2	3	4	5	6	7
Northern						
		RS.		MLS.	RS.	RS.
Direction ..	....	..	....	..	..	..
	Total, Direction ..	..		..	..	..
Ganjám ..	(b) Rest-houses	3,395	(a) Cart-roads	4	454	3,943
	(c) Houses for subordinate establishments	65	(b) Bridle-paths	2	29	
	Total, Ganjám ..	3,460		6	483	3,943
Vizagapatam.	(b) Rest-houses	1,083	(a) Cart-roads	..	1,872	2,955
	Total, Vizagapatam ..	1,083		..	1,872	2,955
Gódávari, Upper.	(a) Head-quarter houses	310	(a) Cart-roads	..	7,246	9,037
	(b) Rest-houses	1,069	(b) Bridle-paths	..	412	
	Total, Gódávari, Upper ..	1,379		..	7,658	9,037
Gódávari, Lower.	(a) Head-quarter houses ..	935	(a) Cart-roads	..	1,689	5,281
	(b) Rest-houses	644				
	(c) Houses for subordinate establishments ..	1,561				
	(d) Others	452				
	Total, Gódávari, Lower ..	3,592		..	1,689	5,281
Kistna ..	(c) Houses for subordinate establishments	17	(a) Cart-roads	4	233	424
	(d) Other	174				
	Total, Kistna ..	191		4	233	424
Guntúr ..	(b) Rest-houses	875		..	..	..
	(d) Others	47		..	..	..
	Total, Guntúr ..	922		..	..	922

Form No. 49.

Madras Presidency.

and Buildings.

Repairs executed during the year.					
Buildings.		Roads and paths.			Total ex-pended on repairs.
Nature of repairs.	Expend-iture incurred.	Nature of repairs.	Length repaired.	Expend-iture incurred.	
8	9	10	11	12	13

Circle.

	RS.		MLS.	RS.	RS.
(a) Head-quarter houses	657	(a) Cart-roads	..	1,542	2,199
		Add A-VII (c) ..	..	..	14
	657		..	1,542	2,213
(c) Houses for subordinate establishments and pay of temporary establishment	2,031		..	..	2,031
		Add A-VII (c) ..	..	..	76
	2,031		..	..	2,107
(a) Head-quarter houses	62	(a) Cart-roads	..	21	923
(b) Rest-houses	371				
(c) Houses for subordinate establishments	221				
(d) Others	25				
	679				
Add pay of watchers	223	Add A-VII (c) ..	..	..	3
	902		..	21	926
(a) Head-quarter houses	411	(a) Cart-roads	..	10	1,881
(b) Rest-houses	178				
(d) Other	72				
	661				
Add pay of watchers	1,371	Add A-VII (c) ..	..	..	861
	2,032				
Deduct amount recovered from two rangers for bad work	161				
	1,871		..	10	2,742
(a) Head-quarter houses	163	(a) Cart-roads	..	2,385	3,569
(b) Rest-houses	145				
(c) Houses for subordinate establishment	220				
(d) Others	9				
	537				
Deduct amount debited to A-VII (e) ..	40	Add A-VII (c) ..	..	..	690
	497				
Add pay of watchers	687				
	1,184		..	2,385	4,259
(a) Head-quarter houses	18	(a) Cart-roads	9	344	753
(b) Rest-houses	32	(b) Bridle-paths	2	48	
(c) Houses for subordinate establishments	86		11	392	753
(d) Others	56	Add A-VII (c) ..			564
	192				
Add pay of temporary establishment ..	169				
	361		11	392	1,317
(d) Others	19	(a) Cart-roads	6	130	716
Add pay of temporary establishment ..	567	Add A-VII (c) ..	..	..	381
	586	Total ..	6	130	1,097

Communications.

District.	New work undertaken during the year. Buildings. Description of building.	Expenditure incurred.	Roads and paths. Road or path and object of the same.	Length of road or path.	Expenditure incurred.	Total expenditure on new work.
1	2	3	4	5	6	7
						Northern
		RS.		MLS.	RS.	RS.
Kurnool, East.	(a) Head-quarter houses ..	1,155				
	(b) Rest-houses	1,871				
	(c) Houses for subordinate establishments	9				
	(d) Others	5,118				
	Total, Kurnool, East ..	8,153		..	..	8,153
Kurnool, West.	(a) Head-quarter houses ..	6,430	(a) Cart-roads	11	127	9,786
	(c) Houses for subordinate establishments	2,497	(b) Bridle-paths	..	66	
	(d) Others	666				
	Total, Kurnool, West ..	9,593		11	193	9,786
Bellary ..	(b) Rest-houses	1,998	(a) Cart-roads	3	285	5,308
	(c) Houses for subordinate establishments	1,784	(c) Others	..	13	
	(d) Others	1,228				
	Total, Bellary	5,010		3	298	5,308
Anantapur ..	(a) Head-quarter houses ..	258	(a) Cart-roads	2	443	4,049
	(b) Rest-houses	331				
	(d) Others	3,017				
	Total, Anantapur ..	3,606		2	443	4,049
Total, Northern Circle.	(a) Head-quarter houses ..	9,088	(a) Cart-roads	24	12,349	..
	(b) Rest-houses	11,266	(b) Bridle-paths	2	507	..
	(c) Houses for subordinate establishments	5,933	(c) Others	..	13	..
	(d) Others	10,702				
	Total, Northern Circle ..	36,989		26	12,869	49,858
						Central
Cuddapah, North.	(b) Rest-houses	40				
	(c) Houses for subordinate establishments	17				
	Total, Cuddapah, North ..	57		..	..	57
Cuddapah, East.	(c) Houses for subordiuate establishments	125				
	(d) Others	180				
	Total, Cuddapah, East ..	305		..	..	305

and Buildings—*cont.*

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
8	9	10	11	12	13
Circle—cont.					
	RS.		MLS.	RS.	RS.
(*b*) Rest-houses	95	(*a*) Cart-roads	119	2,543	} 3,190
(*d*) Others	64			—* 3	
	159				
Add cast of temporary establishment ..	491	Add-A VII (*c*) ..	..	..	625
	650		119	2,540	3,815
(*b*) Rest-houses	419	*a*) Cart-roads	..	37	988
(*c*) Houses for subordinate establishments	49	Add A-VII (*c*) ..	..	..	20
(*d*) Others	59				
	527				
Add pay of watchers	424				
	951		..	37	1,008
(*a*) Head-quarter houses	393				503
(*c*) Others	76				
	469				
Add pay of watchers	34				
	503		..	..	503
(*a*) Head-quarter houses	848	(*a*) Cart-roads	7	‡ 1,162	4,794
(*b*) Rest-houses	1,497				
(*d*) Others	19				
	2,364		7	1,162	4,794
Add cost of temporary establishment ..	1,268	Add A-VII (*c*) ..	..	..	13
	3,632		7	1,162	4,807
(*a*) Head-quarter houses	† 2,354	(*a*) Cart-roads	141	8,171	..
(*b*) Rest-houses	2,737	(*b*) Bridle-paths	2	48	..
(*c*) Houses for subordinate establishments	2,680				
(*d*) Others	323				
	8,094		143	8,219	21,547
Add cost of temporary establishment ..	5,234	Add A-VII (*c*) ..	..	..	3,247
	13,328		143	8,219	24,794
Circle.					
(*a*) Head-quarter houses	10	(*a*) Cart-roads	..	16	107
(*c*) Houses for subordinate establishments	65	Add A-VII (*c*) ..	..	..	20
	75				
Add as per Accountant-General's audited figures	16				
	91		..	16	127
(*a*) Head-quarter houses	169	(*a*) Cart-roads	3	269	} 1,794
(*b*) Rest-houses	948	(*b*) Bridle-paths	2	20	
(*c*) Houses for subordinate establishments	138	Add as per Accountant-General's audited figures	..	12	
(*d*) Others	61				
	1,316		5	301	1,794
Add cost of temporary establishment ..	189				
	1,505				
Deduct as per Accountant-General's audited figures	12				
	1,493		5	301	1,794

* Deducted as per Accountant-General's audited figures.

† Excludes Rs. 171 recovered from Rangers for bad work and Rs. 40 debited to A-VIII (*e*).

‡ Includes Rs. 133 being pay of Woddars engaged in road works

Communications

District.	New work undertaken during the year. Buildings. Description of building.	Expenditure incurred.	Roads and paths. Road or path and object of the same.	Length of road or path.	Expenditure incurred.	Total expenditure on new work.
1	2	3	4	5	6	7
			Central			
		RS.		MLS.	RS.	RS.
Cuddapah, South.	(b) Rest-houses	1,494				
	Total, Cuddapah, South ..	1,494		..	..	1,494
Chingleput ..	(b) Rest-houses	78				
	(c) Houses for subordinate establishments	156				
	Total, Chingleput ..	234		..	..	234
Nellore ..	(a) Head-quarter houses ..	94				
	(b) Rest-houses	571				
	Total, Nellore ..	665	Total ..	..	..	665
Arcot, North.	(c) Houses for subordinate establishments	111	(a) Cart roads	16	549	728
	(d) Others	68				
	Total, Arcot, North ..	179	Total ..	16	549	728
Arcot, South.	(b) Rest-houses	— 6	(a) Cart roads	13	45	39
	Total, Arcot, South ..	— 6	Total ..	13	45	39
Salem, North.	(a) Head-quarter houses ..	68	(a) Cart roads	..	199	732
	(b) Rest-houses	30				
	(c) Houses for subordinate establishments	263				
	(d) Others	195				
		556				
	Deduct cash recovery made..	23				
	Total, Salem, North ..	533	Total ..	..	199	732
Salem, South.	(a) Head-quarter houses ..	50	(a) Cart roads	..	551	4,541
	(b) Rest-houses	3,745	(b) Bridle-paths	..	119	
	(d) Others	76				
	Total, Salem, South ..	3,871	Total ..	..	670	4,541

and Buildings—*cont.*

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
8	9	10	11	12	13
Circle—cont.					
	RS.		MLS.	RS.	RS.
(b) Rest-houses	142				334
Add pay of watchers	192	Add A-VII (c) ..	..	..	1
	334		..	..	335
(a) Head-quarter houses	1	(a) Cart-roads	17	658	1,159
(b) Rest-houses	334				
(c) Houses for subordinate establishments	35	Add A-VII (c) ..	..	..	137
	370				
Add pay of rest-house watchers ..	131				
	501		17	658	1,296
(a) Head-quarter houses	3				568
(b) Rest-houses	1				
(c) Houses for subordinate establishments	5				
	9				
Add pay of watchers	559				
Total ..	568	Total ..	..	..	568
(a) Head-quarter houses	22	(a) Cart roads	43	404	3,225
(b) Rest-houses	1,318				
(c) Houses for subordinate establishments	356	Add A-VII (c) ..	..	..	12
Deduct amount add recovered from	1,696				
Forest subordinates	10				
	1,686				
Add pay of temporary establishment ..	1,135				
Total ..	2,821	Total ..	43	404	3,237
(a) Head-quarter houses	505	(b) Bridle-paths	7	286	1,400
(b) Rest-houses	129				
(c) Houses for subordinate establishments	127				
	761				
Add pay of watchers	353	Add A-VII (c) ..	..	..	83
Total ..	1,114	Total ..	7	286	1,483
(a) Head-quarter houses	204	(a) Cart-roads	..	5	427
(b) Rest-houses	218	Add A-VII (c) ..	..	..	1,741
Total ..	422	Total ..	..	5	2,168
(a) Head-quarter houses	130	(a) Cart roads	..	823	1,320
(b) Rest-houses	117				
(c) Houses for subordinate establishments	39	Add A-VII (c) ..	..	..	444
	286				
Add pay of watchers	211				
Total ..	497	Total ..	..	823	1,764

Communications

District.	New work undertaken during the year. Buildings. Description of building.	Expenditure incurred.	Roads and paths. Road or path and object of the same.	Length of road or path.	Expenditure incurred.	Total expenditure on new work.
1	2	3	4	5	6	7
						Central
		RS.		MLS.	RS.	RS.
Trichinopoly ..	(*b*) Rest-houses	24	(*a*) Cart road	3	51	} 370
	(*c*) Houses for subordinate establishments	77	(*b*) Bridle-paths	15	218	
	Total, Trichinopoly ..	101	Total ..	18	269	370
Tanjore ..	(*b*) Rest-houses	100		..	..	..
	Total, Tanjore ..	100	Total ..	..	..	100
Total, Central Circle.	(*a*) Head-quarter houses ..	* 224	(*a*) Cart roads	32	1,395	} 9,277
	(*b*) Rest-houses	6,053	(*b*) Bridle-paths	15	337	
	(*c*) Houses for subordinate establishments	749				
	(*d*) Others	519				
	Total, Central Circle ..	7,545	Total ..	47	1,732	9,277
						Southern
Canara, South.	(*c*) Houses for subordinate establishments	1,311	(*a*) Cart-roads	28	603	..
	(*d*) Others	4				
	Total, Canara, South ..	1,315	Total ..	28	603	1,918
Malabar, North.	(*b*) Rest-houses	1,823	(*a*) Cart-roads	15	2,260	..
	(*d*) Others	439	(*c*) Others	..	1,314	..
	Total, Malabar, North ..	2,262	Total .	15	3,574	5,836
Malabar, South.	(*a*) Head-quarter houses ..	234	(*a*) Cart-roads	2	63	} 1,604
	(*b*) Rest-houses	1,091	(*b*) Bridle-path	1	201	
			(*c*) Others	..	15	
	Total, Malabar, South ..	1,325	Total ..	3	279	1,604
Nilgiris, The.	(*b*) Rest-houses	3,096		..	..	..
	(*c*) Houses for subordinate establishments	360		..	..	..
	Total, Nilgiris, The ..	3,456	Total ..	..	..	3,456
Coimbatore, North.	(*a*) Head-quarter houses ..	528	(*a*) Cart-roads	12	132	2,737
	(*b*) Rest-houses	2,077				
	Total, Coimbatore, North ..	2,605	Total ..	12	132	2,737

* Includes Rs. 12 spent under Direction A VII (*b*).

and Buildings—*cont.*

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
8	9	10	11	12	13
Circle—cont.					
	RS.		MLS.	RS.	RS.
(*b*) Rest-houses	385	(*a*) Cart roads	9	350	784
(*d*) Others	61				
	446				
Deduct cash recovery made ..	12	Add A-VII (*c*) ..	..	..	49
Total ..	434	Total ..	9	350	833
(*b*) Rest- houses..	40	....	..	..	40
	40	Total ..	..	..	40
(*a*) Head-quarter houses	1,026	(*a*) Cart roads	72	2,537	} 11,158
(*b*) Rest-houses	3,632	(*b*) Bridle-paths	9	306	
(*c*) Houses for subordinate establishments	765				
(*d*) Others	122		81	2,843	11,158
	5,545				
Add cost of temporary establishment.	2,770	Add A-VII (*c*) ..	..	..	2,487
Total ..	8,315	Total ..	81	2,843	13,645
Circle.					
(*a*) Head-quarter houses	244	(*a*) Cart-roads	12	131	809
(*b*) Rest-houses	59				
(*c*) Houses for subordinate establishment	148	Add A-VII (*c*) ..	..	..	375
(*d*) Others	41				
	492				
Add pay of watchers	199				
	691				
Deduct cash recovery made	13				
Total ..	678	Total ..	12	131	1,184
(*a*) Head-quarter houses	547	(*a*) Cart-roads	96	1,349	2,322
(*c*) Houses for subordinate establishments	426	Add A-VII (*c*) ..	..	..	19
Total ..	973	Total ..	96	1,349	2,341
(*a*) Head-quarter houses	106	(*a*) Cart-roads	18	734	} 1,273
(*b*) Rest-houses	126	(*b*) Bridle-path	2	28	
(*c*) Houses for subordinate establishments	279	Add A-VII (*c*) ..	..	..	1,169
	511				
Total ..	511	Total ..	20	762	2,442
(*a*) Head-quarter houses	531	(*a*) Cart-roads	104	3,070	3,601
		Add A-VII (*c*) ..	..	..	344
Total ..	531	Total ..	104	3,070	3,945
(*a*) Head-quarter houses	138	(*a*) Cart-roads	37	† 5,639	7,330
(*b*) Rest-houses	542				
(*c*) Houses for subordinate establishments	389	Add A-VII (*c*) ..	..	..	275
	1,069				
Add pay of watchers ..	729				
	1,798				
	—* 107				
Total ..	1,691	Total ..	37	5,639	7.605

* Deducted as per Accountant-General's audited figures. † Includes Rs. 2,683-9-0 being pay of road maistries.

Communications

District.	New work undertaken during the year.					
	Buildings.		Roads and paths.			Total expenditure on new work.
	Description of building.	Expenditure incurred.	Road or path and object of the same.	Length of road or path.	Expenditure incurred.	
1	2	3	4	5	6	7
						Southern
		RS.		MLS.	RS.	RS.
Coimbatore, South.	(c) Houses for subordinate establishments	559	(a)	..	490	1,557
	(d) Others	508				
	Total, Coimbatore, South ..	1,067	Total ..	..	490	1,557
Madura ..	(b) Rest-houses	1,500	(a) Cart-roads	26	5,234	7,334
	(c) Houses for subordinate establishments	600				
	Total, Madura ..	2,100	Total ..	26	5,234	7,334
Tinnevelly ..	(b) Rest-houses	2,628	(a) Cart-roads	2	1,587	..
	(c) Houses for subordinate establishments	150	(b) Bridle-paths	3	1,112	..
	Total, Tinnevelly ..	2,778	Total ..	5	2,699	5,477
Total, Southern Circle.	(a) Head-quarter houses ..	(a) 849	(a) Cart-roads	85	10,369	30,006
	(b) Rest-houses	12,215	(b) Bridle-paths	4	1,313	
	(c) Houses for subordinate establishments	2,980	(c) Others	..	1,329	
	(d) Others	951				
	Total, Southern Circle ..	16,995	Total ..	89	13,011	30,006
Total, Presidency.	(a) Head-quarter houses ..	10,161	(a) Cart-roads	141	24,113	89,141
	(b) Rest-houses	29,534	(b) Bridle-paths	21	2,157	
	(c) Houses for subordinate establishments	9,662	(c) Others	..	1,342	
	(d) Others	12,172				
	Grand Total, Presidency ..	61,529	Total ..	162	27,612	89,141

(a) Includes Rs. 87 spent under Southern Circle Direction A-VII (b).

and Buildings—*cont.*

Repairs executed during the year.					
Buildings.		Roads and paths.			Total expended on repairs.
Nature of repairs.	Expenditure incurred.	Nature of repairs.	Length repaired.	Expenditure incurred.	
8	9	10	11	12	13
Circle—cont.					
	RS.		MLS.	RS.	RS.
(*a*) Head-quarter houses	346	(*a*) Cart-roads	27	5,828	7,602
(*b*) Rest-houses	481				
(*c*) Houses for subordinate establishments	400	Add A-VII (*c*) ..	..	..	990
(*d*) Others	547				
Total ..	1,774	Total ..	27	5,828	8,592
(*b*) Rest-houses	442	(*a*) Cart roads	13	1,888	2,893
(*c*) Houses for subordinate establishments	163	Add A-VII (*c*) ..	..	..	148
	605				
Add pay of watchers	400				
Total ..	1,005	Total ..	13	1,888	3,041
(*b*) Rest-houses	836	(*a*) Cart-roads	58	2,065	} 3,421
(*c*) Houses for subordinate establishments	376	(*b*) Bridle-paths	7	106	
(*d*) Others	38	Add A-VII (*c*) ..	..	..	17
Total ..	1,250	Total ..	65	2,171	3,438
(*a*) Head-quarter houses	1,792	(*a*) Cart-roads	365	20,704	} 29,251
(*b*) Rest-houses	2,486	(*b*) Bridle-paths	9	134	
(*c*) Houses for subordinate establishments	2,181		374	20,838	29,251
(*d*) Others	626				
	7,085				
Add pay of watchers	1,328	Add A-VII (*c*) ..	..	..	3,337
Total ..	8,413	Total ..	374	20,838	32,588
(*a*) Head-quarter houses	5,172	(*a*) Cart-roads	578	31,412	} 61,956
(*b*) Rest-houses	8,855	(*b*) Bridle-paths	20	488	
(*c*) Houses for subordinate establishments	5,626		598	31,900	61,956
(*d*) Others	1,071				
	20,724				
Add cost of temporary establishment..	9,332	Add A-VII (*c*) ..	..	..	9,071
Total ..	30,056	Total ..	598	31,900	71,027

ANNUAL

Forest Department,

REGISTER of Breaches of

District.		Cases pending from 1905–1906.	New cases of the year.					Total cases.
			Injury to forests by fire.	Un-authorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	
1		2	3	4	5	6	7	8
Northern								
Ganjám	A	* 75	..	242	33	3	278	353
	B	* 30	2	152	22	..	176	206
	C	..	..	52	..	..	52	..
	Total ..	105	2	446	55	3	506	559
Vizagapatam ..	A	* 29	..	59	16	4	79	108
	B	* 33	1	299	62	1	363	396
	C	..	..	..	..	..	..	..
	Total ..	62	1	358	78	5	442	504
Gódávari, Upper.	A	4	3	3	..	..	6	10
	B	1	1	19	20	1	41	42
	C	..	..	..	..	..	..	..
	Total ..	5	4	22	20	1	47	52
Gódávari, Lower.	A	5	2	66	18	3	89	94
	B	4	..	47	8	4	59	63
	C	..	10	..	..	..	10	..
	Total ..	9	12	113	26	7	158	157
Kistna	A	14	..	56	8	2	66	80
	B	68	1	163	208	60	432	500
	C	..	..	7	4	1	12	..
	Total ..	82	1	226	220	63	510	580
Guntúr	A	* 34	3	123	88	18	232	266
	B	* 52	2	333	442	27	804	856
	C	..	5	6	..	..	11	..
	Total ..	86	10	462	530	45	1,047	1,122
Kurnool, East ..	A	60	3	99	56	17	175	235
	B	18	..	211	192	50	453	471
	C	..	..	9	9	1	19	..
	Total ..	78	3	319	257	68	647	706
Kurnool, West ..	A	46	4	81	27	16	128	174
	B	33	..	129	157	36	322	355
	C	..	..	55	18	19	92	..
	Total ..	79	4	265	202	71	542	529

A. Cases taken into Court. B. Cases compounded. C. Cases undetected.

* The variations between the closing balance of 1905–1906 and these figures are due to transfers between heads A and B.

FORM No. 50.

Madras Presidency.

Forest Rules during 1906–1907.

Disposed of during the year.						Cases pending at close of year.
Convictions.		Acquittals.		Total.		
Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
9	10	11	12	13	14	15
Circle.						
155	476	24	186	179 † 99	662 † 367	75
176	517	..	..	176	517	30
..	..	..	..	..	..	..
331	993	24	186	355 † 99	1,179 † 367	105
87	212	7	28	94	240	14
298	743	..	..	298 † 12	743 † 29	86
..	..	..	..	..	..	..
385	955	7	28	392 † 12	983 † 29	100
2	4	3	7	5	11	5
34	145	..	..	34 † 5	145 † 8	3
..	..	..	..	..	..	..
36	149	3	7	39 † 5	156 † 8	8
76	196	6	41	82 † 1	237 † 1	11
34	60	..	..	34 † 22	60 † 61	7
..	..	..	..	..	..	..
110	256	6	41	116 † 23	297 † 62	18
57	196	9	46	66	242	14
435	1,009	..	..	435	1,009	65
..	..	..	..	..	..	..
492	1,205	9	46	501	1,251	79
137	452	43	173	180 † 7	625 † 16	79
608	2,197	..	..	608 † 49	2,197 † 242	199
..	..	..	..	..	..	..
745	2,649	43	173	788 † 56	2,822 † 258	278
157	377	25	65	182	442	53
404	1,114	..	..	404 † 28	1,114 † 50	39
..	..	..	..	..	..	..
561	1,491	25	65	586 † 28	1,556 † 50	92
114	218	23	91	137	309	37
298	969	..	..	298 † 12	969 ..	45 ..
..	..	..	..	..	..	..
412	1,187	23	91	435 † 12	1,278 ..	82 ..

† Withdrawn under the orders of the District Forest-officer.

Register of Breaches of Forest

District.		Cases pending from 1905-1906.	New cases of the year.					Total cases.
			Injury to forests by fire.	Un-authorized felling or appropria-tion of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	
1		2	3	4	5	6	7	8
								Northern
Bellary ..	A	71	6	29	12	4	51	122
	B	246	1	587	505	55	1,148	1,394
	C	..	56	..	..	..	56	..
	Total ..	317	63	616	517	59	1,255	1,516
Anantapur ..	A	174	4	316	201	9	530	704
	B	..	..	119	163	..	282	282
	C	..	46	..	..	..	46	..
	Total ..	174	50	435	364	9	858	986
Total, Northern Circle.	A	512	25	1,074	459	76	1,634	2,146
	B	485	8	2,059	1,779	234	4,080	4,565
	C	..	117	129	31	21	298	..
Grand Total, Northern Circle ..		997	150	3,262	2,269	331	6,012	6,711
								Central
Cuddapah, North.	A	2	..	16	16	..	32	34
	B	9	..	64	41	..	105	114
	C	..	..	..	..	..	..	..
	Total ..	11	..	80	57	..	137	148
Cuddapah, South.	A	13	..	24	11	2	37	50
	B	23	..	67	60	4	131	154
	C	..	..	..	..	..	..	..
	Total ..	36	..	91	71	6	168	204
Cuddapah, East..	A	17	6	48	15	1	70	87
	B	28	..	220	84	11	315	343
	C	..	..	..	..	..	..	..
	Total ..	45	6	268	99	12	385	430
Nellore ..	A	* 64	2	92	92	2	188	252
	B	* 38	1	324	560	13	898	936
	C	..	..	29	62	3	94	..
	Total ..	102	3	445	714	18	1,180	1,188
Chingleput ..	A	* 46	..	52	37	4	93	139
	B	* 135	..	291	130	13	434	569
	C	..	..	..	..	..	..	..
	Total ..	181	..	343	167	17	527	708

A. Cases taken in to Court. B. Cases compounded. C. Cases undetected.

* The variations between the closing balance of 1905-1906 and these figures are due to transfers between heads A and B.

Rules during 1906-1907—*cont.*

Disposed of during the year.						Cases pending at close of year.
Convictions.		Acquittals.		Total.		
Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
9	10	11	12	13	14	15
Circle—cont.						
69	143	6	22	75 † 4	165 † 5	43
1,010	2,032	..	..	1,010 † 43	2,032 † 140	341
..	..	..	..	..	..	..
1,079	2,175	6	22	1,085 † 47	2,197 † 145	384
325	826	39	108	364 † 230	934 † 490	110
282	525	..	..	282	525	..
..	..	..	..	..	..	..
607	1,351	39	108	646 † 230	1,459 † 490	110
1,179	3,100	185	767	1,364 † 341	3,867 † 879	441
3,579	9,311	..	..	3,579 † 171	9,311 † 530	815
..	..	..	..	..	..	..
4,758	12,411	185	767	4,943 † 512	13,178 † 1,409	1,256
Circle.						
21	45	10	59	31	104	3
49	108	..	..	49 † 6	108 † 30	59
..	..	..	..	..	..	..
70	153	10	59	80 † 6	212 † 30	62
25	68	9	52	34	120	16
113	296	..	..	113 † 11	296 † 23	30
..	..	..	..	..	..	..
138	364	9	52	147 † 11	416 † 23	46
80	187	2	11	82	198	5
252	544	..	..	252 † 12	544 † 75	79
..	..	..	..	..	..	..
332	731	2	11	334 † 12	742 † 75	84
192	487	25	98	217 † 9	585 † 18	26
718	1,456	..	..	718 † 140	1,456 † 349	78
..	..	..	..	..	..	..
910	1,943	25	98	935 † 149	2,041 † 367	104
75	192	23	58	98 † 21	250	20
512	Not reported.	..	..	512 † 18	Not reported.	§ 39
..	..	..	..	..	..	..
587	192	23	58	610 † 39	250	‡ 59

† Withdrawn under the orders of the District Forest-officer.
‡ Erroneously entered in the Collector's return as 30.

Register of Breaches of Forest

District.		Cases pending from 1905-1906.	New cases of the year. Injury to forests by fire.	Un-authorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	Total cases.
1		2	3	4	5	6	7	8
Central								
North Arcot	A	* 200	1	348	198	34	581	781
	B	* 195	..	1,157	862	41	2,060	2,255
	C	..	137	1	3	2	143	..
	Total ..	395	138	1,506	1,063	77	2,784	3,036
South Arcot	A	* 186	..	448	113	22	583	769
	B	* 266	..	1,234	625	59	1,918	2,184
	C	..	22	223	5	3	253	..
	Total ..	452	22	1,905	743	84	2,754	2,953
North Salem	A	* 54	..	81	40	6	127	181
	B	* 103	..	366	228	9	603	706
	C	..	..	..	2	..	2	..
	Total ..	157	..	447	270	15	732	887
South Salem	A	* 455	1	445	98	33	577	1,032
	B	* 79	1	338	229	10	578	657
	C	..	92	1	..	..	93	..
	Total ..	534	94	784	327	43	1,248	1,689
Tanjore ..	A	6	..	29	8	6	43	49
	B	171	..	598	84	7	689	860
	C	..	..	5	22	1	28	..
	Total ..	177	..	632	114	14	760	909
Trichinopoly	A	18	..	62	72	3	137	155
	B	192	..	704	360	6	1,070	1,262
	C	..	3	..	..	..	3	..
	Total ..	210	3	766	432	9	1,210	1,417
Central Circle	A	1,061	10	1,645	700	113	2,468	3,529
	B	1,239	2	5,363	3,263	173	8,801	10,040
	C	..	254	259	94	9	616	..
	Total ..	2,300	266	7,267	4,057	295	11,885	13,569
Southern								
South Canara	A	* 64	11	217	74	38	340	404
	B	* 52	9	385	160	30	584	636
	C	..	30	9	..	5	44	..
	Total ..	116	50	611	234	73	(a) 968	1,040
North Malabar	A	3	..	16	2	3	21	24
	B ..	6	..	3	3	4	10	16
	C ..	..	..	..	..	..	..	..
	Total	9	..	19	5	7	31	40

A. Cases taken into Court. B. Cases compounded. C. Cases undetected.

* Variations between the closing balance of 1905-1906 and these figures are due to transfers between heads A and B.

(a) Excludes 167 petty offences by 359 persons who were let off with a warning.

Rules during 1906–1907—*cont.*

Disposed of during the year.						Cases pending at close of year.
Convictions.		Acquittals.		Total.		
Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
9	10	11	12	13	14	15
Circle—cont.						
577	1,510	28	155	605 † 22	1,665 † 37	154
1,800	3,442	..	..	1,800 † 122	3,442 † 244	333
..	..	..	..	..	..	..
2,377	4,952	28	155	2,405 † 144	5,107 † 281	487
568	1,350	69	183	637 † 22	1,533 † 47	110
1,602	3,099	..	..	1,602 † 225	3,099 † 449	357
..	..	..	..	..	..	..
2,170	4,449	69	183	2,239 † 247	4,632 † 496	467
126	373	22	53	148	426	33
546	957	..	..	546 † 75	957 † 177	85
..	..	..	..	..	..	..
672	1,330	22	53	694 † 75	1,383 † 177	118
650	2,347	165	924	815 † 127	3,271 † 832	90
499	1,328	..	..	499 † 76	1,328 † 348	82
..	..	..	..	..	..	..
1,149	3,675	165	924	1,314 † 203	4,599 † 1,180	172
37	95	3	21	40	116	9
720	951	..	..	720	951	140
..	..	..	..	..	..	..
757	1,046	3	21	760	1,067	149
93	188	26	90	119	278	36
1,003	1,965	..	..	1,003 † 11	1,965 † 23	248
..	..	..	..	..	..	..
1,096	2,153	26	90	1,122 † 11	2,243 † 23	284
2,444	6,842	382	1,704	2,826 † 201	8,546 † 934	502
7,814	14,146	..	..	7,814 † 696	14,146 † 1,718	1,530
10,258	20,988	382	1,704	10,640 † 897	22,692 † 2,652	2,032
Circle.						
239	625	33	102	272 † 115	727 † 235	17
526	1,024	..	..	526	1,024	110
..	..	..	..	..	..	..
765	1,649	33	102	798 † 115	1,751 † 235	127
5	5	4	4	9 † 11	9 † 13	4
10	15	..	..	10	15	6
..	..	..	..	..	..	..
15	20	4	4	19 † 11	24 † 13	10

† Withdrawn under the orders of the District Forest-officer.

Register of Breaches of Forest

District.		Cases pending from 1905–1906.	New cases of the year.					Total cases.
			Injury to forests by fire.	Un-authorized felling or appropria-tion of wood and minor forest pro-duce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.	
1		2	3	4	5	6	7	8
								Southern
South Malabar	A	..	1	4	15	9	29	29
	B	1	..	6	..	..	6	7
	C	..	..	..	..	..	..	..
	Total	1	1	10	15	9	35	36
The Nilgiris	A	7	..	11	3	4	18	25
	B	41	..	148	114	19	281	322
	C	..	..	..	..	..	..	..
	Total	48	..	159	117	23	299	347
North Coimbatore	A	36	2	231	122	10	365	401
	B	22	2	193	116	8	319	341
	C	..	59	3	..	..	62	..
	Total	58	63	427	238	18	746	742
South Coimbatore	A	26	1	101	28	70	200	226
	B	23	..	220	72	104	396	419
	C	..	9	4	..	..	13	..
	Total	49	10	325	100	174	609	645
Madura	A	* 153	4	42	27	13	86	239
	B	* 286	4	578	535	249	1,366	1,652
	C	..	21	2	..	1	24	..
	Total	439	29	622	562	263	1,476	1,891
Tinnevelly	A	12	..	37	21	10	68	80
	B	74	1	517	148	147	813	887
	C	..	..	7	192	..	199	..
	Total	86	1	561	361	157	1,080	967
Total, Southern Circle.	A	301	19	659	292	157	1,127	1,428
	B	505	16	2,050	1,148	561	3,775	4,280
	C	..	119	25	192	6	342	..
Grand Total, Southern Circle		806	154	2,734	1,632	724	5,244	5,708
Total Presidency	A	1,874	54	3,378	1,451	346	5,229	7,103
	B	2,229	26	9,472	6,190	968	16,656	18,885
	C	..	490	413	317	36	1,256	..
Grand Total, Presidency		4,103	570	13,263	7,958	1,350	23,141	25,988

* The variations between the closing balance of 1905–1906 and these figures are due to transfers between heads A and B.

Rules during 1906–1907—*cont.*

Disposed of during the year.						Cases pending at close of year.
Convictions.		Acquittals.		Total.		
Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
9	10	11	12	13	14	15
Circle—cont.						
25	77	..	..	25 † 2	77 † 2	2
6	16	..	..	6	16	1
..	..	..	..	..	..	..
31	93	..	..	31 † 2	93 † 2	3
19	59	3	9	22	68	3
266	940	..	..	266	940	56
..	..	..	..	..	..	..
285	999	3	9	288	1,008	59
327	1,010	57	175	384	1,185	17
243	551	..	..	243 † 56	551 † 133	42
..	..	..	..	..	..	..
570	1,561	57	175	627 † 56	1,736 † 133	59
143	495	14	65	157	560	69
234	686	..	..	234 † 69	686 † 135	116
..	..	..	..	..	..	..
377	1,181	14	65	391 † 69	1,246 † 135	185
70	246	26	90	96 † 7	336 † 34	136
1,142	4,026	..	..	1,142 † 203	4,026 † 759	307
..	..	..	..	..	..	..
1,212	4,272	26	90	1,238 † 210	4,362 † 793	443
49	107	13	54	62	161	18
690	1,471	..	..	690 † 88	1,471	109
..	..	..	..	..	..	..
739	1,578	13	54	752 † 88	1,632	127
877	2,624	150	499	1,027 † 135	3,123 † 284	266
3,117	8,729	..	..	3,117 † 416	8,729 † 1,027	747
..	..	..	..	..	..	..
3,994	11,353	150	499	4,144 † 551	11,852 † 1,311	1,013
4,500	12,566	717	2,970	5,217 † 677	15,536 † 2,097	1,209
14,510	32,186	..	..	14,510 † 1,283	32,186 † 3,275	3,092
..	..	..	..	..	..	..
19,010	44,752	717	2,970	19,727 † 1,960	47,722 † 5,372	4,301

† Withdrawn under the orders of the District Forest-officer.

APPENDIX to Form No. 50 (Statement No. II prescribed by the Government of India).

District.	Details of prosecutions for offences by fire.					
	Serial number.	Area burnt in acres.	Character of offence (whether intentional or careless).	Whether acquitted or convicted.	Section of law under which convicted.	Amount of punishment.
Ganjám	* 1	3	Intentional ..	Withdrawn ..	....	....
	* 2	4	Do. ..	Convicted ..	Section 21 (b) of the Madras Forest Act.	Sentenced to rigorous imprisonment for one month.
	* 3	3	Do. ..	Do. ..	Do.	Do.
	* 4	1	Do. ..	Do. ..	Do.	Do.
	* 5	*Nil.*	Careless ..	Pending ..	....	....
	* 6	5 sq. yds.	Intentional ..	Acquitted ..	....	....
	* 7	*Nil.*	Do. ..	Withdrawn ..	....	....
	* 8	*Nil.*	Careless ..	Do. ..	....	....
	9	*Nil.*	Do. ..	Compounded ..	..	....
Vizagapatam.	1	60 sq. yds.	Intentional ..	Pending ..	....	....
Gódávari, Upper.	1	1 sq. ml.	Do. ..	Do. ..	....	....
	2	2 acres.	Do. ..	Do. ..	....	....
	3	100 acres.	Do. ..	Do. ..	....	....
Gódávari, Lower.	1	2 acres.	Careless ..	Do. ..	....	....
	2	*Nil*	Intentional ..	Acquitted ..	....	....
Kistna ..	1	*Nil.*	Careless ..	Compounded for Rs. 5.	....	....
Guntúr ..	1	*Nil.*	Intentional ..	....	....	The accused died before the case was disposed of by the Magistrate and therefore the proceedings abated.
	2	2 Acres.	Do. ..	Convicted ..	Section 21 (c) of the Madras Forest Act.	Sentenced to three months' rigorous imprisonment and to pay a fine of Rs. 20.
	3	*Nil.*	Do. ..	Pending ..	....	....
Kurnool, East.	* 1	40 acres ..	Do. ..	Acquitted ..	....	....
	2	2,000 acres.	Do. ..	Convicted ..	Section 21 (c) of the Madras Forest Act.	Two persons fined Rs. 10 each.
	3	Not reported	Do. ..	Pending ..	....	....
	4	*Nil.*	Do. ..	Do. ..	....	....
Kurnool, West.	1	*Nil.*	Do. ..	Convicted ..	Section 21 (c) of the Madras Forest Act.	The accused sentenced to a fine of Rs. 30 each, in default to suffer fourteen days' rigorous imprisonment.
	2	Less than 1 acre.	Do. ..	Do. ..	Section 21 of the Madras Forest Act.	The accused sentenced to pay a fine of Rs. 20 each, in default to suffer twenty days' rigorous imprisonment.
	3	*Nil.*	Do. ..	Do. ..	Section 21 (c) of the Madras Forest Act.	Sentenced to four months' rigorous imprisonment.
	4	1,500 acres.	Do. ..	Pending ..	....	In one of these pending cases (of 1904–1905) each of the accused was sentenced to pay a fine of Rs. 30; in default to suffer fourteen days' rigorous imprisonment.
	5	3 ,,	Do. ..	Do. ..	....	
	6	1,200 ,,	Careless ..	Convicted ..	Section 21 (e) of the Madras Forest Act.	First accused sentenced to a fine of Rs. 10 and to pay a compensation of Rs. 30 to the Forest Department, in default to rigorous imprisonment for two weeks. Accused 2 to 4 acquitted.
Bellary ..	1	Not stated.	Intentional ..	Do. ..	Section 21 (d) of the Madras Forest Act.	Accused sentenced to pay a fine of 8 annas, in default to suffer two days' simple imprisonment.
	2	2,240 acres.	Do ..	Acquitted ..	....	....
	3	50 ,,	Do. ..	Do. ..	....	....
	4	2 ,,	Careless ..	Convicted ..	....	Accused sentenced to a fine of Rs. 15, in default to suffer fifteen days' rigorous imprisonment.
	5	Not stated.	Intentional ..	Do. ..	....	Fined Rs. 5.
Anantapur ..	1	*Nil.*	Withdrawn ..	..	....	....
	2	2 acres.	Do. ..	..	....	....
	3	1,000 acres.	Careless ..	Acquitted ..	....	....
	4	5½ miles of fence of a closed reserve.	Intentional ..	Convicted ..	....	The accused sentenced to six months' rigorous imprisonment.
Cuddapah, North.	* 1	8 acres.	Do. ..	Withdrawn ..	....	....

* Pending cases of 1905-1906.

Appendix to Form No. 50 (Statement No. II prescribed by the Government of India)—*cont.*

District.	Details of prosecutions for offences by fire.					
	Serial number.	Area burnt in acres.	Character of offence (whether intentional or careless).	Whether acquitted or convicted.	Section of law under which convicted.	Amount of punishment.
Cuddapah, East.	1	..	Intentional	Acquitted	....	....
	2	..	Do.	Convicted	Section 21 (*b*) of the Madras Forest Act.	Sentenced to receive fifteen stripes.
	3	Details not reported.	....	....	....	Sentenced to suffer six weeks' rigorous imprisonment.
	4	Do.	..	Pending	....	....
	5	Do.	..	Do.	....	....
	6	Do.	..	Do.	....	....
Nellore	* 1	1 acre	Careless	Do.	....	....
	2	22 acres.	Do.	Do.	....	....
	* 3	1 acre.	Do.	Convicted	Section 21 (*b*) of the Madras Forest Act.	Sentenced to suffer seven days' rigorous imprisonment.
Arcot, North.	1	1,080 acres.	Intentional	Do	Section 21 (*c*) of the Madras Forest Act.	Fined Rs. 10, in default to suffer fifteen days' simple imprisonment.
	* 2	8 ,,	Do.	Do.	Do.	Three accused sentenced to suffer fifteen days' rigorous imprisonment each.
Salem	1	18 ,,	Do.	Do.	Section 21 (*b*) of the Madras Forest Act.	Two accused fined Rs. 10 each, in default to suffer a week's rigorous imprisonment.
	2	5 ,,	Not known	Withdrawn	....	....
Canara, South.	* 1	1 acre.	Careless	Acquitted	....	....
	* 2	20 acres.	Intentional	Do.	....	....
	* 3	10 ,,	Do.	Convicted	Section 21 (*b*) of the Madras Forest Act.	Fined Rs. 70, of which Rs. 50 to be paid as compensation to the Forest Department.
	* 4	25 ,,	Careless	Do.	Do.	Sentenced to suffer six months rigorous imprisonment.
	* 5	12 ,,	Do.	Do.	Do.	Fined Rs. 12.
	* 6	200 ,,	Do.	Do.	Do.	Fined Rs. 20 to be paid as compensation to Forest Department.
	* 7	10 ,,	Do.	Do.	Do.	Fined Rs. 10.
	* 8	10 ,,	Do.	Do.	Do.	Do. Rs. 15.
	* 9	250 ,,	Intentional	Do.	Do.	Do. Rs. 4.
	* 10	13 ,,	Careless	Do.	Do.	Do. Rs. 2.
	* 11	200 ,,	Do.	Do.	Do.	Fined Rs. 70, out of which Rs. 15 to be paid as compensation to the Forest Department.
	* 12	75 ,,	Do.	Acquitted	....	First accused acquitted and charge against two abates they being dead.
	* 13	200 ,,	Do.	Convicted	Section 21 (*b*) of the Madras Forest Act.	Fined Rs. 200; the fine if recovered to be paid as compensation to the Forest Department.
	* 14	5 ,,	Do.	Compounded for Rs. 10.	....	....
	* 15	12 ,,	Do.	Convicted	Section 21 (*b*) of the Madras Forest Act.	Fined Rs. 15.
	* 16	250 ,,	Do.	Withdrawn	..	....
	* 17	$\frac{1}{2}$ acre.	Intentional	Convicted	Forest Rules 8 and 15	Fined Rs. 10.
	* 18	2 acres.	Do.	Do.	Do.	Fined Rs. 45.
	* 19	1 acre.	Do.	Do.	Section 21 (*d*) of the Madras Forest Act.	Fined Rs 13; one rupee out of the fine to be paid as compensation to the Forest department.
	20	10 acres.	Careless	Do.	Section 21 (*b*) of the Madras Forest Act.	Fined Rs. 5.
	21	..	Do.	Withdrawn	....	....
	22	30 acres.	Do.	Pending	....	....
	23	40 ,,	Intentional	Withdrawn	....	....
	24	10 ,,	Do.	Pending	....	....
	25	$2\frac{1}{2}$,,	Careless	Do.	....	....
	26	$\frac{1}{4}$ acre.	Do.	Compounded for Re. 1.	....	....
	27	3 acres.	Do.	Compounded for Rs. 15.	....	....
	28	40 ,,	Do.	Withdrawn	....	....
	29	17 ,,	Do.	Pending	....	....
	30	$\frac{1}{2}$ acre.	Do.	Withdrawn	....	....
	31	1 ,,	Do.	Pending	....	....
	32	45 acres.	Do.	Do.	....	....
	33	..	Do.	Convicted	Section 21 (*c*) of the Madras Forest Act.	Fined Rs. 5.
	34	$\frac{1}{2}$ acre.	Do.	Do.	Do.	Fined Rs. 3, and to pay a compensation of Rs. 4.
	35	Less than 1 acre.	Intentional	Compounded for Rs. 6.	....	....
	36	20 acres.	Do.	Withdrawn	....	....
	37	45 ,,	Careless	Do	....	....
	38	..	Do.	Do.	....	....
	39	$4\frac{1}{2}$ acres.	Do.	Pending	....	....

* Pending cases of 1905–1906.

Appendix to Form No. 50 (Statement No. II prescribed by the Government of India)—*cont.*

District.	Details of prosecutions for offences by fire.					
	Serial number.	Area burnt in acres.	Character of offence (whether intentional or careless).	Whether acquitted or convicted.	Section of law under which convicted.	Amount of punishment.
Malabar, North.	* 1	¼ acre.	Intentional ..	Convicted ..	....	Nature of punishment not given.
Malabar, South.	1	8 acres.	Do. ..	Do. ..	Section 21 (*b*) of the Madras Forest Act.	Two accused sentenced to two months' rigorous imprisonment each.
Coimbatore, North.	1	6 ,,	Do. ..	Do. ..	Section 21 of the Madras Forest Act.	Three accused sentenced to three months' rigorous imprisonment each.
	2	800 ,,	Careless ..	Acquitted ..	....	....
Coimbatore, South.	1	10 ,,	Intentional ..	Pending ..	....	....
Madura.	1	80 ,,	Careless ..	Withdrawn ..	....	....
	2	200 ,,	Intentional ..	Pending ..	....	....
	3	200 ,,	Careless ..	Withdrawn ..	....	....
	4	150 ,,	Intentional ..	Do. ..	....	....
	5	1 acre.	Do. ..	Acquitted ..	....	....
	6	100 acres.	Do. ..	Do. ..	....	....
	7	25 ,,	Do. ..	Do. ..	....	....
	* 8	50 ,,	Careless ..	Convicted ..	....	Two accused sentenced to pay a fine of Rs. 5 each and the case against the third accused withdrawn under the District Forest-officer's orders.
Tinnevelly.	* 1	30 ,,	Intentional ..	....	....	Each of the accused (number not stated) sentenced to one month's simple imprisonment.

* Pending cases of 1905–1906.

Annual Form No. 51.

Forest Department, Madras Presidency.

Area of Forest Tracts protected from Fire during 1906-1907.

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906-1907.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
Ganjám—Special protection—	*Northern Circle.*		ACS.	ACS.	ACS.	ACS.	RS.	
Mojjaguda..	Dhimirijoli	1903 ..	512	512	..	512	51	
	Rambha	1903 ..	205	777	..	777	60	
	Kaliamba and extension ..	1904 ..	68	205	1	204	32	
	Baiballi	1903 ..	1,046	1,330	..	1,330	91	
	Darpangia and extension ..	1903 ..	1,570	1,700	..	1,700	145	
	Gulleri	1901 ..	4,353	4,406	..	4,406	298	
	Tiliki	1903 ..	1,479	1,516	..	1,516	64	
	Total, Mojjaguda ..	..	9,233	10,446	1	10,445	741	
Kukuluba ..	Jagannadhaprasad ..	1904 ..	113	120	..	120	19	
	Chendragiri	1903 ..	5,900	6,400	5	6,395	460	
	Kullada	1904 ..	20	32	..	32	18	
	Brahmanasai	1901 ..	2,250	2,800	2	2,798	192	
	Gogodo and extension ..	1903 ..	2,900	3,100	10	3,090	47	
	Ambazora	1903 ..	1,800	2,000	..	2,000	72	
	Total, Kukuluba ..	..	12,983	14,452	17	14,435	808	
Buguda ..	Panchabuti	1903 ..	1,636	1,672	5	1,667	127	
	Kurcholi	1901 ..	840	940	..	940	80	
	Kriamba	1903 ..	5,410	5,455	4	5,451	151	
	Total, Buguda ..	..	7,886	8,067	9	8,058	358	
Suradá ..	Dowgam	1903 ..	969	290	..	290	79	
	Peppalaponka	1903 ..	2,349	2,070	4	2,066	219	
	Bondagocha	1904 ..	238	150	..	150	23	
	Rogada	1903 ..	1,787	2,360	..	2,360	266	
	Mundapetta	1903 ..	1,627	1,150	..	1,150	130	
	Total, Suradá ..	..	7,570	6,020	4	6,016	717	
	Total, Ganjám, Special ..	..	(a) 37,672	38,985	31	38,954	2,624 + (b) 37	
Vizagapatam—General protection.	Dharakonda	1901-1902	25,895	46,880	..	46,880	..	
	Senivaram	..	1,488	31,488	..	31,488	..	
	Sithakhandi	..	2,248	2,368	..	2,368	..	
	Arlova	..	4,162	4,162	..	4,162		
	Karaka	..	8,880	9,469	..	9,469	34	
	Madalammakonda ..	1900-1901	3,600	3,600	..	3,600		
	Pedimikonda	..	3,311	3,311	..	3,311	..	
	Kodavatipudi	..	1,544	1,544	..	1,544	..	
	Kakarlakonda	..	1,924	1,924	..	1,924	..	
	Boddapalem	..	380	380	..	380	..	
	Venkatapuram	..	508	508	..	508	..	
	Sarugudu blocks	..	10,089	19,079	..	19,079	..	
	Peddapalli	1892	9,077	9,077	..	9,077	..	
	Kadagandi	1900-1901	10,856	11,064	..	11,064	107	
	Barnakonda	..	13,172	13,517	10	13,507	..	
	Antikonda	..	6,854	6,969	..	6,969	..	
	Palakonda	..	2,156	4,580	7	4,573	..	
	Chinnagora	..	2,160	2,383	..	2,383	..	
	Total, Vizagapatam, General ..	..	108,304	172,303	17	(c) 172,286	141	

(a) Incorrectly entered in the Collector's return as 37,762.
(b) Added as per Accountant-General's audited figures.
(c) Incorrectly entered in the Collector's return as 172,386.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906-1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Northern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Upper Gódávari—General protection. Bhadráchalam range.	1. Malkanapalli reserve.	1905 ..	3,628	3,658	800	2,858	58	
	2. Dummagudem ,, ..	1887 ..	6,084	6,110	125	5,985	124	
	3. Arlagudem ,, ..	1888 ..	6,136	6,136	..	6,136	158	
	4. Tunikicheruvu ,, ..	1905 ..	7,515	8,022	798	7,224	149	
	5. Bhadráchalam ,, ..	1905 ..	10,856	10,860	100	10,760	230	
	6. Komanapalli ,, ..	1905 ..	2,976	3,250	2	3,248	90	
	7. Gogubaka ,, ..	1905 ..	1,666	1,666	..	1,666	52	
	Total, Bhadráchalam ..	..	38,861	39,702	1,825	37,877	861	
Marrigudem range.	1. Repaka reserve.	1887 ..	7,000	7,000	..	7,000	164	
	2. Tatilanka ,,	1887 ..	10,944	12,000	..	12,000	217	
	3. Ramachandram ,,	1887 ..	10,300	10,300	..	10,300	223	
	4. Bandreo ,,	1904 ..	10,427	10,900	..	10,900	207	
	5. Gollaguppa ,,	1904 ..	7,923	8,000	..	8,000	102	
	6. Narakonda ,,	1904 ..	7,464	7,500	..	7,500	81	
	7. Pegha ,,	1904 ..	4,400	4,400	..	4,400	238	
	8. Uppanapalli ,,	1904 ..	3,043	3,300	..	3,300	159	
	9. Seetharampuram ,,	1904 ..	3,000	3,000	..	3,000	35	
	10. Bandarugudem ,,	1904 ..	5,180	7,100	..	7,100	135	
	11. Burakankota ,,	1904 ..	1,500	1,500	..	1,500	25	
	Total, Marrigudem ..	..	71,181	75,000	..	75,000	1,586 * — 96 1,490	
Rékapalle range.	1. Rékapalle hills reserve—							
	Compartment I	1901 ..	129,350	140,530	13	140,517	1,879	
	Do X ..	1902 ..						
	Compartments II to IX ..	1903 ..						
	2. Pulusumamidi reserve.	1902 ..	4,070	4,520	..	4,520	98	
	3. Mattapalli ,,	1887 ..	9,270	9,500	..	9,500	200	
	4. Kolleru ,,	1905 ..	3,000	5,500	..	5,500	74	
	5. Kansulur ,,	1905 ..	4,970	6,200	..	6,200	89	
	6. Lakkavaram ,,	1905 ..	4,260	6,500	..	6,500	145	
	6 (*a*) Do. extension.	1906 ..	495	495	..	495		
	7. Walsugrivi ,,	1905 ..	5,530	6,530	500	6,030	91	
	Total, Rékapalle ..	..	160,945	179,775	513	179,262	2,576	
	Total, Upper Gódávari, General.	..	270,987	294,477	2,338	292,139	5,023 * — 96 4,927	
Lower Gódávari—General protection—Rajahmundry range.	1. Lakkonda reserve.	1887 ..	13,098	13,104	..	13,104	64	
	2. Molleru ,,	..	8,235	8,250	..	8,250	32	
	3. Mallavaram ,,	..	7,587	7,600	7	7,593	32	
	4. Tirumalayapalem ,,	..	5,150	5,150	..	5,150	48	
	5. Sudikonda ,,	..	6,855	6,880	20	6,860	32	
	6. Murari ,,	1889 ..	700	700	..	700	16	
	7. Kogida ,,	..	1,280	1,280	..	1,280	16	
	8. Devancheruvu ,,	1887 ..	2,051	2,051	..	2,051	32	
	Total, Rajahmundry ..	..	44,956	45,015	27	44,988	272	
Peddapur range.	1. Arantagiri reserve.	1905 ..	2,250	3,050	..	3,050	54	
	2 Ultimathula ,,	..	2,500	2,600	..	2,600	80	
	3. Banadapalli ,,	..	5,300	5,800	..	5,800	107	
	4. Rajavommangi ,,	..	7,461	7,961	..	7,961	150	
	5. Singampalii ,,	..	3,067	3,142	..	3,142	56	
	6. Jaddangi ,,	..	5,575	5,775	..	5,775	106	
	7. Ameenbadu ,,	..	3,640	4,480	..	4,480	85	
	8. Labbarti ,,	..	5,750	6,500	..	6,500	109	
	9. Doramamidi ,,	..	5,700	6,400	..	6,400	110	
	10. Veerabhadrapur reserve.	..	9,400	10,300	..	10,300	186	
	11. Vatangi reserve.	..	8,040	8,840	..	8,840	208	
	12. Lododdi ,,	..	6,600	7,200	2	7,198	156	
	13. Pedagorangi ,,	..	3,900	4,000	..	4,000	82	
	14. Annavaram ,,	..	8,000	8,500	..	8,500	138	
	15. Lingamparti ,,	..	6,480	6,500	..	6,500	79	
	16. Totapalli ,,	1887 ..	2,150	2,150	..	2,150	33	
	Total, Peddapur ..	..	85,813	93,198	2	92,196	1,739	

* Rupees 96 were recovered from a contractor on account of bad fire tracing of the lines of Marrigudem range reserves.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906-07. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Northern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Gódávari—General protection—*cont.* Polavaram range.	1. Bedadavole reserve ..	1890 ..	13,996	15,000	..	15,000	175	
	2. Marlagudem ,, ..	..	2,100	2,100	..	2,100	100	
	3. Three reserves adjoining Hyderabad boundary.	1898 ..	4,968	4,968	..	4,968	60	
	4. Kovvada reserve ..	1906 ..	16,149	17,799	86	17,713	95	
	5. Kopally ,, ..	..	12,324	14,924	500	14,424	88	
	6. Papikonda ,, ..	..	10,785	11,785	800	10,985	198	
	Add—							
	(1) Fire tracing of Puliramudugudem and Mungaloor road.	..	..	..	..	..	24	
	(2) Papikonda reserve lines, interior and exterior.	..	..	..	..	..	140	
	Total, Polavaram ..	..	60,322	66,576	1,386	65,190	880	
	Total, Lower Godavari General.	..	191,091	204,789	1,415	203,374	2,891	
Kistna—Special protection—Bezwada range.	Kondapalli reserve ..	1884-85	1,470	2,170	..	2,170	173	
	Kottur reserve	1904-1905	370	570	40	530	28	
	Kottur reserve extension No. 2.	1904-1905	50	50	..	50	3	
	Dasullapalem reserve ..	1904-1905	100	100	..	100	7	
	Jangalapalli reserve ..	1904-1905	129	129	..	129	6	
	Velvadam reserve ..	1904-1905	100	100	..	100	4	
	Kondur reserve	1903-1904	310	310	..	310	6	
	Jaggavapeta reserve ..	1904-1905	50	50	..	50	2	
	Budavada reserve ..	1904-1905	69	120	..	120	5	
	Total, Bezwada ..	..	2,648	3,599	40	3,559	234	
Ellore range.	Yerraguntapalli reserve ..	1887-88	8,569	8,640	60	8,580	214	
	Barrikonda reserve ..	1887-88	4,006	4,010	..	4,010	100	
	Bandamcherla reserve ..	1887-88	5,200	5,200	10	5,190	36	
	Total, Ellore ..	.	17,775	17,850	70	17,780	350	
	Total, Kistna (Special) ..	..	20,423	21,449	110	21,339	584 + (*a*) 1	
General protection—Bezwada range.	Kondapalli reserve ..	..	20,477	19,777	2,000	17,777	..	
	Total, Kistna, Special and General.	..	40,900	41,226	2,110	39,116	584	
Guntúr—Special protection.	Venkatayapalem reserve, Compartments I, II and III.	1894-95	14,080	15,588	15,188	400	..	
	Bollapalli reserve, Compartments I to VI.	1885-86	18,584	18,584	..	*18,584	..	
	Coupes in Vinukonda range.	1903-1904	700	700	2	698	10	
	Gangalakunta reserve ..	1890-91	5,008	5,008	..	5,008	..	
	Paswemula reserve ..	1892-93	1,088	1,088	..	1,088	..	
	Coupes in Palnad range ..	1905-1906	4,076	4,076	..	4,076	..	
	Mutukúr reserve .	1905-1906	3,145	3,245	..	3,245	..	
	Coupes in Sattenapalle range.	1905-1906	552	552	..	552	..	
	Kondavid reserve ..	1905-1906	596	600	19	581	} 59	
	Tadepalli ,, ..	1905-1906	300	300	5	295	}	
	Total, Guntur, Special ..	..	48,129	49,741	15,214	34,527	69	

* Area of coupes 1, 2 and 3 compartments II, VI and XI.
(*a*) Added as per Accountant-General's audited figures.

Area of Forest Tracts protected from Fire during 1906–1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906–07. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Northern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Guntur—General protection.	Venkatayapalem reserve ..	..	24,426	24,978	..	24,978	..	
	Gangalakunta reserve ..	..	17,659	17,659	..	17,659	..	
	Paswemula reserve ..	..	18,375	18,375	..	18,375	..	
	Total, Guntur, Special ..	..	60,460	61,012	..	61,012	..	
	Total, Guntur, Special and General.	..	108,589	110,753	15,214	95,539	69	
Kurnool, East.	"A" block ..	1889 ..	97,596	101,290	38,301	62,989	4,697	
	South Chalama ..	1891 ..						
	Do. Addition.	1894 ..						
	Diguvametta ..	1891 ..						
	Jangambhavi ..	1891 ..						
	Chalama improvement felling block.	1895 ..						
	Gazulapalli Railway fuel felling coupe.	1902 ..						
	Palerdam Railway fuel felling coupe.	1903 ..						
	Compartment No. III coupe.	1902 ..						
	Fire tracing Railway line around Chalama house.	..						
	Maddipenta	1905 ..	880	880	600	280	302	
	Kattalakonda block ..	1905 ..	12,460	12,500	6,000	6,500	493	
	Chinna Mantrala block ..	1906 ..	..	1,460	350	1,110	966	
	Pedda Mantrala block ..	1906 ..	..	1,000	..	1,000	..	
	Diguvametta compartment of East-North block.	1905 ..	..	200	..	200	317	
	Peddachama compartment of East-North block.	1907 ..	..	50	..	50	..	
	Mantikonda compartment of East-North block.	..	470	500	250	250	..	
	Pedda Mantikonda ..	..	1,000	1,000	..	1,000	..	
	Total, East Kurnool, Special.	..	112,406	118,880	45,501	73,379	6,775 — (*a*) 6	
Kurnool, West.	Gadidemadugu reserve coupes.	1903 ..	433	543	..	543	25	
	Waddaman reserve ..	1905 ..	120	150	..	150	10	
	Yaperlapad ,, ..	..	340	423	..	423	10	
	West Ramallakota reserve.	..	280	350	..	350	18	
	Lanjabanda reserve ..	..	394	494	..	494	22	
	Betamcherla ,, ..	..	922	1,156	..	1,156	22	
	North Dhone ,, ..	1903 ..	1,433	1,791	..	1,791	50	
	Kamalapuram ,, ..	..	188	235	..	235	18	
	South Dhone ,, ..	1904 ..	80	497	..	497	30	
	Southern Mahratta Railway line along the North Dhone reserve.	..	..	..	..	..	36	
	Total, Yerramalais ..	..	4,190	5,639	..	5,639	241	
	Area west of Mr. Wood's fire-line in Nallamalais in Velgode range.	1904 ..	60,640	59,520	46,720	12,800	1,731	
	Part of Nandyal and Ernapad reserves Terai portions west of Mr. Wood's fire-line in Nallamalais in Velgode range.	1905 ..		28,160	27,520	640	1,543	
	Area west of Mr. Wood's fire-line in Atmakur Range including Nagaluty and Bairluty plantations and Nagaluty bamboo coupe.	1906 ..	..	19,200	17,920	1,280	2,845	
	Cutting fire-lines in Sirvel Range.	..	..	..	..	..	822	

(*a*) Deducted as per Accountant-General's audited figures.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

Districts.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906-1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Northern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Kurnool, West —*cont.*	Cutting internal fire-lines along Ramanapenta path.	..	..	..	..	..	511	
	Fire tracing the Pecheruvu plantation.	..	..	..	..	..	89	
	Fire tracing the Venkatapuram Nagaluty cart-track.	..	..	..	..	..	20	
	Total, Nallamalais ..	..	60,640	106,880	92,160	14,720	7,561	
	Total, West Kurnool, Species.	..	64,830	112,519	92,160	20,359	7,802 + (a) 50	
Bellary— Hospet ..	Ramandrug	1883 ..	8,768	8,763	6,580	2,188	2,593	
	North-east block ..	1883 ..	3,150	3,150	..	3,150		
	Donamalai	1883 ..	1,646	1,646	60	1,586		
	Gundu (rail road) ..	1906 ..	..	40	..	40		
Bellary ..	Malappanagudi Yepi block.	1886-87 ..	1,066	1,066	10	1,056	61	
Kudligi ..	Shivapuram	1902-1903.	200	200	..	200	173	
	Kakkuppi	1906 ..	60	60	..	60		
	Chiribi coupe	1906 ..	150	150	..	150		
Harpanahalli.	Hyrada coupes	1899-1900.	2,000	2,000	50	1,950	193	
	Jittinakitta	1906 ..	1,250	1,250	960	290		
Adóni ..	Kuppagal and Tungabhadra plantation.	1892-1893.	..	573	..	573	26	
	Total, Bellary, Special ..	..	18,290	18,903	7,660	11,243	3,046 + (a) 35	
Anantapur— Special protection.	1. Muchukota	1884 ..	10,000	10,000	..	10,000	227	
	2. Kothakota	1884 ..	9,320	11,016	495	10,521	340	
	3. Amagondapoliem ..	1884 ..	14,555	15,360	238	15,122	136	
	4. Nylakota	1890 ..	12,046	12,156	6,500	5,656	81	
	6. Konappanayanapalli Working Circle, Narasampalli compartment No. I.	1905 ..	515	1,215	..	1,215	24	
	6. Penukonda Working Circle, compartment No. I.	1905 ..	1,690	1,700	15	1,685	25	
	7. Yerracherla Working Circle, compartment No. I.	1905 ..	411	411	..	411	8	
	8. Rollahalli Working Circle, compartment No. I.	1905 ..	626	626	..	626	53	
	9. Madakasira Working Circle, Madakasíra north compartment No. I.	1906 ..	739	739	..	739	5	
	10. Guttur Working Circle, Guttur East compartment No. I.	1905 ..	..	1,293	..	1,293	49	
	11. Vananole Working Circle, Dokkalakonda compartment No. I.	1905 ..	..	1,903	..	1,903	23	
	12. Gundimala Working Circle, Gundimala compartment No. I.	1905 ..	..	890	..	890	14	
	Total, Anantapur Special.	..	49,902	57,309	7,248	50,061	985	
Anantapur— General protection.	1. Guttur (West) ..	1887 ..	3,080	3,880	..	3,880	14	
	Total, Anantapur, Special and General.	..	52,982	61,189	7,248	53,941	999 + (a) 9	
	Total, Northern Circle, Special.	..	351,652	417,786	167,924	249,862	22,011	
	Total, Northern Circle, General.	..	654,399	756,238	5,770	750,468	7,973	
	Total, Northern Circle, Special and General.	..	1,006,051	1,174,024	173,694	1,000,330	29,984	

(a) Added as per Accountant-General's audited figures.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906-1907.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
			ACS.	ACS.	ACS.	ACS.	RS.	
	Central Circle.							
Cuddapah, North. (Cuddapah range).	Lankamalais coupes ..	1905 ..	1,150	1,150	..	1,150	124	
	Palakondas	1901—1905.	33,795	35,275	160	35,115	770	
	Ganganapalle	1905 ..	48,580	49,101	960	48,141	74	
	Edupulapaya	1905 ..	20,027	20,259	..	20,259	..	
	Redlacheruvu	1905 ..	6,420	6,420	..	6,420	..	
	Total ..	..	109,972	112,205	1,120	111,085	968	
Proddatur range	Nallamalais coupes ..	1905 ..	39	119	..	119	114	
Ráyachóti	Seshachellams	1905 ..	26,941	38,760	25	38,735	593	
	Yerrakonda	1905 ..	9,588	11,219	..	11,219	..	
	Gadikota	1905 ..	18,297	21,345	..	21,345	..	
	Palakondas	1905 ..	36,695	48,877	180	48,697	200	
	Edupulapaya	1905 ..	14,031	14,984	..	14,984	..	
	Sibyala	1905 ..	4,215	4,215	..	4,215	1,874	
	Tusudupalle	1905 ..	3,000	3,000	..	3,000	..	
	Polimarapalle	1905 ..	1,702	1,702	..	1,702	..	
	Cheyyar	1905 ..	3,400	3,400	..	3,400	..	
	Total ..	..	117,869	147,502	205	147,297	2,667	
	Total, North Cuddapah, Special.	..	227,880	259,826	1,325	258,501	3,749 —(a)2,124	
Cuddapah, East. Pullampet range.	Settigunta	1871 ..	8,955	8,960	3,026	5,934		
	Chiyyavaram	1903 ..	7,745	7,747	..	7,747		
	Kodur Hill	1874 ..	13,652	13,995	2,062	11,933		
	Gottimanikona	1905 ..	4,309	5,569	1,243	4,326	156	
	Salivendula	1905 ..	16,389	17,599	7,123	10,476		
	Seshachellam	1867, 1873, 1905.	126,383	150,203	57,465	92,738	1,051	
	Thanakonda	1905 ..	1,048	1,048	..	1,048	..	
	Reddipalle	1905 ..	1,873	1,873	..	1,873	..	
	Vathaloor	1905 ..	2,880	2,880	..	2,880	..	
	Yerrakonda	1905 ..	8,292	8,292	..	8,292	..	
	Buduguntapalle	1905 ..	1,534	4,674	2,147	2,527	..	
	Cheyyar	1905 ..	4,658	5,592	2,552	3,040	..	
	Patur	1905 ..	..	3,495	1,161	2,334	..	
	Kanakalakonda	1905 ..	4,354	4,764	1,641	3,123	..	
	Chitvel	1905 ..	15,922	15,922	180	15,742	..	
	Total, Pullampet ..	..	217,994	252,613	78,600	174,013	1,206	
Sidhout ..	Palakondas	1901—1905.	35,398	35,538	7,690	27,848	649	
	Cheyyer	1905 ..	488	588	..	588	..	
	Patur	1905 ..	3,835	4,735	875	3,860	..	
	Kanakalakonda	1905 ..	1,773	2,373	2	2,371	..	
	Vontimitta	1905 ..	7,025	7,029	..	7,029	..	
	Konarajupalle	1905 ..	25,921	26,811	2,012	24,799	58	
	Kanamalapalle	1905 ..	1,974	7,895	1,219	6,676	54	
	Lankamalais	1905 ..	1,353	37,400	2,689	34,711	429	
	Total, Sidhout ..	..	77,767	122,369	14,487	107,882	1,190	
Badvel ..	Nallamalais	1905 ..	80	75,948	18,607	57,341	799	
	Lankamalais	1905 ..	40	15,800	1,035	14,765	..	
	Total, Badvel ..	..	120	91,748	19,642	72,106	799	
Cuddapah, South.	Total, East Cuddapah, Special.	..	295,881	466,730	112,729	354,001	3,195+(a)249	
Kadiri ..	Nigadi	1905 ..	29,957	29,957	1,246	28,711	154	
	Malakavemula	1905 ..	2,760	2,760	100	2,660	20	
	Total, Kadiri ..	..	32,717	32,717	1,346	31,371	174	

(a) Added or deducted as per Accountant-General's audited figure.

Area of Forest Tracts protected from Fire during 1906–1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906-1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Central Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Vayalpad.	Horsleykonda	1905 ..	21,739	21,739	992	20,747	127	
	Seshachellam and Talakona.	1890—1903 1904—1905	33,586	33,586	5,000	28,586	385 (Seshachellam and Talakona, Bhakarapet)	
	Bhakarapet	1905 ..	10,600	10,600	75	10,525		
	Total, Vayalpad ..	..	65,925	65,925	6,067	59,858	512	
	Total, South Cuddapah, Special.	..	98,642	98,642	7,413	91,229	686	
Nellore ..	Udayagiri-Veligondas A and B blocks.	1883 ..	59,946	60,000	..	60,000	553 (Udayagiri-Veligondas to Udayagiri-Yerrakondas)	
	Gundlakonda attached to Veligonda A in Udayagiri range.	1903 ..	720	720	..	720		
	Udayagiri-Durgam hill and Korisakonda.	1902 ..	15,760	15,760	..	15,760		
	Udayagiri-Yerrakondas in Udayagiri range.	1903 ..	14,080	14,080	..	14,080		
	Rapur-Veligondas A and B blocks in Rapur range.	1883 ..	30,453	30,720	24	30,696	453	
	Nandanavanam block and its extensions A and B and Vedullacheruvu or Kanigiri-Veligondas in Kanigiri range.	1883 ..	26,780	26,780	..	26,780	268	
	Total Nellore, General ..	..	147,739	148,060	24	148,036	1,274	
Chingleput range.	Meyyúr	1900-01 ..	283	283	..	283	7	
	Karungoli	1900-01 ..	16	16	..	16	..	
Tiruvallúr range.	Kambakkam	1883-84 ..	15,829	15,829	415	15,414	538 (Kambakkam and Nagalapuram)	
	Nagalapuram	1883-84 ..	9,632	9,632	46	9,586		
	Total, Chingleput, general	..	25,760	25,760	461	25,299	545	
Arcot, North Special protection—Chittoor.	Chittoor	1882 ..	385	385	..	385	18	
	Chittapara	1903 ..	416	554	..	554	6	
	Paradarami	1903 ..	367	549	..	549	17	
	Pudipatlabylu	1903 ..	138	138	5	133	7	
	Virisettipalli	1903 ..	304	455	225	230	9	
	Tavanampalli	1903 ..	21	21	..	21	1	
	Vanilthota	1903 ..	67	67	..	67	2	
	Total, Chittoor ..	..	1,698	2,169	230	1,939	60	
Chandragiri.	Napier reserve	1880 ..	8,826	8,826	2,618 (Napier reserve, Mamandur reserve and Mamandur extension)	18,259 (Napier reserve, Mamandur reserve and Mamandur extension)	6	
	Mamandur reserve ..	1874 ..	1,603	1,760			193	
	Mamandur extension ..	1888 ..	10,241	10,291			7	
	Tirupati hill	1904 ..	115	115	115	..	2	
	Chamala	1880 ..	18,867	19,142	850	18,292	7 90	
	Nagapatla	1890 ..	13,372	13,572	1,730	11,842	3 46	
	Mungilpattu	1903 ..	274	368	..	368	9 3	
	Panapakam	1903 ..	117	189	..	189	4	
	Penamur	1906 ..	93	204	..	204	..	
	Panapakam extension ..	1907 ..	..	81	..	81	..	
	Tirupati extensions A and B.	1903 ..	266	266	..	266	..	
	Total, Chandragiri ..	..	53,774	54,814	5,313	49,501	370	
Palmanér range.	Pedanaickdrug	1903 ..	387	451	..	451	..	
	Mordana	1898 ..	163	163	..	163	..	
	Charagal	1899 ..	401	401	..	401	..	
	Peddur	1903 ..	437	532	..	532	..	
	Naickaneri	1898 ..	246	246	..	246	..	
	Musalimadugu	1884 ..	5,542	5,542	1,080	4,462	118	
	Palmanér	1901 ..	364	471	..	471	.	
	Peddur extension	1902 ..	441	489	..	489	.	
	Basavareddipalli	1898 ..	398	486	..	486	.	
	Pathikonda	1903 ..	350	350	..	350	..	
	Total, Palmanér range ..	..	8,729	9,131	1,080	8,051	118	

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906-1907.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
	Central Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Gudiyáttam.	Naickaneri reserve ..	1901 ..	100	100	..	100	..	
	Mordana	1897 ..	712	712	..	712	4	
	Amburdrug	1897 ..	869	893	..	893	..	
	Mordana extension ..	1898 ..	550	550	..	550	..	
	Gundlapalli	1897 ..	1,426	1,679	..	1,679	14	
	Synagunta	1899 ..	333	405	..	405	11	
	Charagai (Gudiyáttam portion).	1901 ..	572	572	..	572	13	
	Karapet	1897 ..	1,386	1,453	..	1,453	5	
	Paradarami	1903 ..	485	485	..	485	6	
	Jangalpalli	1903 ..	508	706	30	676	11	
	Pallalakuppam	1903 ..	510	666	..	666	8	
	Kempasamudram	1897 ..	200	200	..	200	..	
	Synagunta extension ..	1901 ..	100	100	..	100	..	
	Total, Gudiyáttam ..	..	7,751	8,521	30	8,491	72	
Vellore, East Range.	Palamadi	1880 ..	6,488	8,160	330	7,830	73	
	Kaniyambadi	1892 ..	5,102	5,472	132	5,340	14	
	Punganur	1884 ..	2,320	4,120	349	3,771	32	
	Kodiyalam	1906 ..	..	82	..	82	..	
	Total, Vellore, East range.	..	13,910	17,834	811	17,023	119	
Vellore, West range.	Arasampet reserve ..	1901 ..	1,787	1,901	..	1,901	37	
	Ambur fuel reserve ..	1879 ..	4,541	5,453	50	5,403	11	
	Ambur	1887 ..	26,047	27,878	..	27,878	120	
	Thellai	1905 ..	440	787	..	787	11	
	Karuthamalai	1906 ..	..	54	..	54	15	
	Kylasagiri	1892 ..	2,295	2,535	59	2,476	54	
	Shanankuppam	1901 ..	505	505	..	505	7	
	Nellimalai	1906 ..	..	63	..	63	5	
	Total, Vellore West range.	..	35,615	39,176	109	39,067	260	
Polur range.	Karnatighur	1881 ..	6,841	7,270	..	7,270	117	
	Malayalam	1897 ..	450	829	..	829	..	
	Mulacad	1896 ..	100	144	..	144	..	
	Santavasal	1897 ..	150	330	..	330	..	
	Periamalai	1892 ..	6,968	6,970	210	6,760	43	
	Paravadamalai	1892 ..	5,734	5,779	41	5,738	37	
	Thellai	1897 ..	200	200	..	200	..	
	Vellimalai	1906 ..	..	76	..	76	..	
	Kelur	1897 ..	10	111	..	111	..	
	Allialamangalam	1906 ..	..	243	..	243	..	
	Total, Polur range ..	..	20,453	21,952	251	21,701	197	
	ABSTRACT.							
	Chittoor		1,698	2,169	230	1,939	60	
	Chendragiri		53,774	54,814	5,313	49,501	370	
	Palmanér		8,729	9,131	1,080	8,051	118	
	Gudiyáttam		7,751	8,521	30	8,491	72	
	Vellore East		13,910	17,834	811	17,023	119	
	Vellore West		35,615	39,176	109	39,067	260	
	Polur		20,453	21,952	251	21,701	197	
	Total, North Arcot, Special ..		141,930	153,597	7,824	145,773	1,196	
Arcot, North General protection—Chittur.	Chittapara reserve ..	1888 ..	3,860	3,722	..	3,722	5	Transferred from special protection.
	Paradarami	1880 ..	8,731	8,551	..	8,551	24	
	Pachigunta	1888 ..	1,800	1,800	..	1,800	3	
	Irall A and B	1888 ..	8,311	12,531	522	12,009	26	
	Irall extension	1893 ..	2,650	2,650	..	2,650		
	Parapumalai	1899 ..	2,227	2,227	10	2,217	5	Transferred from special protection.
	Tavanampalli	1899 ..	1,841	1,841	..	1,841	5	
	Puthalpattu	1891 ..	3,073	3,077	..	3,077	2	
	Damalcherla A and B ..	1892 ..	2,368	2,368	..	2,368	6	
	Pudiputlaybylu	1880 ..	4,126	4,156	..	4,156	6	
	Kinatipalli A	1884 ..	1,417	1,417	..	1,417	4	
	Chilapalli	1884 ..	1,166	1,166	..	1,166	4	

Area of Forest Tracts protected from Fire during 1906–1907—*cont.*

Range.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Central Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Arcot, North—*cont.* General protection—*cont.* Chittur—*cont.*	Basavapalli A and B ..	1888 ..	1,784	1,784	6	1,778	..	Transferred from special protection.
	Do. extension ..	1894 ..	841	841	..	841	..	
	Veerisettipalli	1888 ..	6,738	6,589	..	6,589	1	
	Panamadangi	1887 ..	10,515	10,515	25	10,490	16	
	Kunjanur	1893 ..	1,499	1,549	..	1,549		
	Santhapet	1882 ..	2,148	2,148	391	1,757	..	
	Bommasamudram A and B	1891 ..	1,124	1,128	16	1,112	..	
	Vanithota	1891 ..	2,040	2,040	..	2,040	..	
	Bommasamudram exten.	1892 ..	1,312	1,312	..	1,312	..	
	Kinatipalli extension ..	1893 ..	994	994	..	994	..	
	Reddigunta reserve ..	1893 .	.441	1,441	..	1,441	..	
	Chases hill	1893 ..	2,692	2,692	..	2,692	..	
	Santhapet extensions A, B and C.	1893 ..	483	483	..	483	..	
	Mahimandalam	1888 ..	2,528	2,528	..	2,528	..	
	Kinatipalli extension B ..	1893 ..	25	25	..	25	..	
	Bommanaickanpalayam ..	1894 ..	902	913	..	913	..	
	Total, Chittoor ..	..	78,636	82,488	970	81,518	107	
Chandragiri range.	Tirupati hill	1888 ..	15,739	18,439	3,715	14,724	73	
	Nagapatla	1890 ..	5,240	5,340	..	5,340	..	
	Mungilpatlu	1890 ..	26,890	27,376	789	26,587	15	
	Panapakam	1880 ..	17,035	17,129	119	17,010	..	
	Sanambatla	1892 ..	5,079	5,139	660	4,479	..	
	Pakala A and B	1894	2,035	2,035	..	2,035	..	
	Napier extension reserve..	1900 ..	26	26	..	26	..	
	Penumur	1893 ..	1,257	1,146	..	1,146	..	
	Panapákkam extension ..	1892 ..	8,957	9,001	..	9,001	..	
	Chendragiri hill	1892 ..	1,293	1,293	..	1,293	..	
	Penumur extensions A & B.	1893 ..	3,123	3,123	..	3,123	..	
	Penumur extension (Chittoor portion).	1891 ..	1,082	1,082	..	1,082	..	
	Tirupati extensions A & B.	1891 ..	6,031	6,031	650	5,381	16	
	Total, Chendragiri ..	..	93,787	97,160	5,933	91,227	104	
Palmanér ..	Peddanickdrug	1880 ..	13,007	13,968	14	13,954	28	
	Mordana	1884 ..	8,517	9,037	1,000	8,037	6	
	Cháragallu	1888 ..	6,298	6,318	..	6,318	14	
	Peddúru	1880 ..	15,807	15,994	15	(a)15,979	28	
	Naickaneri	1880 ..	5,964	6,594	15	(b) 6,579	29	
	Palmanér	1892 ..	5,934	5,827	30	5,797	27	
	Peddúru extension ..	1902 ..	8,838	8,905	..	8,905	11	
	Basuvareddipalli	1884 ..	5,094	5,006	..	5,006	6	
	Nellipatla	1895 ..	7,115	7,135	..	7,135	13	
	Pattikonda	1893 ..	4,834	4,840	..	4,840	4	
	Mélumáyi	1884 ..	1,568	1,568	..	1,568	..	
	Musalimadugu extension.	1895 ..	1,875	1,875	..	1,875	..	
	Basuvareddipalli extension A.	1895 ..	2,170	2,170	..	2,170	..	
	Basuvareddipalli extension B.	1895 ..	5,792	5,792	..	5,792	..	
	Alapalli	1895 ..	2,029	2,029	..	2,029	..	
	Virlabanda	1895 ..	2,569	2,569	..	2,569	..	
	Thotakanama	1895 ..	4,710	4,710	..	4,710	..	
	Total, Palmanér ..	..	102,121	104,337	1,074	103,263	166	
Gudiyáttam.	Naickaneri reserve ..	1884 ..	4,253	5,054	..	5,054	..	Transported from special protection.
	Mordana (Gudiyáttam portion).	1884 ..	12,662	13,902	1,300	12,602	28	Do.
	Amburdrug	1884 ..	9,020	9,246	3	9,243	24	Do.
	Mordana extension ..	1891 ..	8,144	8,545	260	8,285	8	Do.
	Gundlapalli	1894 ..	5,928	5,675	..	5,675	..	Do.
	Synagunta	1891 ..	6,973	6,901	30	6,871	..	Do.
	Charagal (Gudiyáttam portion).	1893 ..	10,649	10,994	100	10,894	19	Do.
	Karapel	1892 ..	6,514	6,547	35	6,512	45	Do.
	Naickaneri extension ..	1887 ..	1,564	1,568	80	1,488	7	Do.
	Paradarami extension ..	1889 ..	1,888	1,888	..	1,888	..	Do.
	Do. reserve ..	1903 ..	3,812	3,817	..	3,817	..	Do.
	Jangalpalli	1903	2,216	2,028	40	1,988	..	Do.

(a) Incorrectly entered in the District return as 15,989.
(b) Do. 6,589.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

Range.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906-07. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Central Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Gudiyáttam—*cont.*	Pallalakuppam	1903 ..	6,313	6,156	..	6,156	..	
	Do. extensions A & B.	1893 ..	5,884	5,883	..	5,883	..	
	Kempasamudram A & B ..	1893 ..	1,189	1,214	..	1,214	..	
	Synagunta extension ..	1892 ..	2,396	2,396	..	2,396	6	
	Gundlapalli extension ..	1894 ..	928	928	..	928	..	
	Kallapádi reserve ..	1894 ..	6,945	6,945	..	6,945	.	
	Total, Gudiyáttam ..	..	97,278	99,687	1,848	97,839	137	
Vellore, East.	Banavaram	1880 ..	1,020	1,021		1,021	6	
	Punganur	1884 ..	5,528	9,378	..	9,378	..	
	Ammur	1884 ..	4,739	5,139	68	5,071	4	
	Vellore reserve	1892 ..	2,043	2,413	130	2,283	..	
	Ammanur .. .	1880 ..	203	203	..	203	..	
	Brahmanakattery	1884 ..	561	561	..	561	..	
	Khodiyalam	1884 ..	243	161	..	161	..	
	Bodúr	1884 ..	835	835	..	835	..	
	Vengunam	1884 ..	1,288	1,288	..	1,288	..	
	Nambedu	1884 ..	947	947	.	947	..	
	Vishamangalam	1884 ..	1,148	1,148	..	1,148	..	
	Ponnur	1884 ..	1,656	1,656	..	1,656	..	
	Nedungal	1884 ..	2,298	2,298	..	2,298	..	
	Nambedu extensions A, B. etc.	1895 ..	397	397	..	397	..	
	Nedungunam reserve ..	1884 ..	1,637	1,637	15	1,622	..	
	Total, Vellore, East ..	..	24,543	29,082	213	28,869	10	
Vellore, West.	Arasampet	1887 ..	28,349	28,813	50	28,763	65	
	Vellakkal	1889 ..	3,928	5,037	..	5,037	12	
	Attiyùr	1889 ..	4,675	4,800	60	4,740	..	
	Thellai	1891 ..	890	543	40	503	..	Transferred from special protection.
	Karuthamalai	1882 ..	20,441	20,432	30	20,402	16	
	Sanankuppam	1893 ..	12,098	13,338	..	13,338	..	
	Nellimalai	1892 ..	2,797	2,734	..	2,734	..	
	Appukallu	1892 ..	760	800	..	800	..	
	Pallikonda	1892 ..	3,624	3,898	..	3,898	..	
	Parvamalai	1892 ..	7,078	7,078	..	7,078	..	
	Vannivadu plantation ..	1880 ..	39	39	..	39	..	
	Total, Vellore, West .	..	84,679	87,512	180	87,332	93	
Polur ..	Malayalam	1887 ..	27,434	27,785	161	27,624	136	
	Mulacad	1890 ..	15,185	15,600	553	15,047	121	
	Santavásal	1890 ..	9,157	9,340	50	9,290	42	
	Tellai	1891 ..	14,637	14,662	..	14,662	20	Transferred from special protection.
	Vellimalai	1893 ..	1,953	1,927	30	1,897	13	
	Verappanur	1886 ..	31,387	31,469	50	31,419	..	
	Thelur	1884 ..	2,979	2,878	..	2,878	3	
	Puthur reserve	1879 ..	18,458	18,458	..	18,458	..	
	Patrakad	1881 ..	25,124	25,254	65	25,189	..	
	Kappalur	1884 ..	1,504	1,504	..	1,504	..	
	Alliyalamangalam ..	1884 ..	10,027	9,784	..	9,784	..	
	Santavasal extension A and B.	1892 ..	331	331	..	331	..	
	Total, Polur ..	..	158,176	158,992	909	158,083	335	
	Abstract.							
	Chittoor		78,636	82,488	970	81,518	107	
	Chendragiri		93,787	97 160	5,933	91,227	104	
	Palmanér		102,121	104,337	1,074	103,263	166	
	Gudiyáttam		97,278	99,687	1,848	97,839	137	
	Vellore, East		24,543	29,082	213	28 869	10	
	Do. West		84,679	87,512	180	87,332	93	
	Polur		158,176	158,992	909	158,083	335	
	Total of General protection ..		639,220	659,258	11,127	648,131	952	
	Total of Special protection ..		141,930	153,597	7,824	145,773	1,196	
	Total, North Arcot, Special and General.		781,150	812,855	18,951	793,904	2,148	

Note.—The variations between the figures in column No. 7 of Form No. 51 of the previous year and column No. 4 of the statemen from North Arcot are due to transfers from special to general protection and *vice versâ.*

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

Range.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Central Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
South Arcot—Tiruvannámalai.	Annamalai	1877 ..	1,724	1,727	6	1,721	153	
	Kanthi	1878 ..	6,968	6,978	12	6,966	122	
	Tennalai	1877 ..	30,019	31,706	201	31,505	826 (Tennalai to Mudanai)	
	Nallápat	1889 ..	5,094	5,094	..	5,094		
	Pelámarathúr	1889 ..	5,075	5,075	..	5,075		
	Paramanandal	1895 ..	1,237	1,517	..	1,517		
	Mudanai	1898 ..	7,042	7,042	..	7,042		
	Valasamalai	1883-84 ..	7,626	7,626	3	7,623	257	
	Nattampalli	1889 ..	5,188	5,188	4	5,184	139	
	Penugolathur Swamimalai.	1883-84 ..	6,056	6,056	1	6,055	100	
	Chinnasamudram ..	1900 ..	2,842	2,842	..	2,842	96	
	Damarakadu	1900 ..	3,764	3,764	240	3,524	136	
	Eraiyur	1907 ..	..	5,659	..	5,659	95	
	Takarai	1883-84 ..	11,163	11,163	..	11,163	172	
	Parikam	1906 ..	(*a*) 549	549	..	549	31	
Kallakurchi.	Ravattanallúr	1907 ..	..	227	..	227	19	
	Kanai	1907 ..	..	741	..	741	37	
	Puttai	1907	..	547	..	547	45	
	Rangappanur	1907 ..	..	560	..	560	39	
	Total, South Arcot, Special	..	94,347	104,061	467	103,594	2,267 + (*b*) 1	
North Salem district—Special protection—Tiruppattúr range.	Singarapet	1881 ..	592	454	10	444	36	
	Total, Tiruppattúr range.	..	592	454	10	444	36	
Hosúr range.	Melagiri	1885 ..	5,458	5,461	..	5,461	128	
	Kanavoi Kottapalli ..	1885 ..	182	742	..	742	6	
	Gulhatti	1885 ..	3,248	3,248	..	3,248	56	
	Manchi	1885 ..	3,255	3,305	6	3,299	54	
	Kanavanagasandiram ..	1885 ..	416	416	..	416	15	
	Total, Hosúr range ..	..	12,559	13,172	6	13,166	259	
	Total, North Salem, Special.	..	13,151	13,626	16	13,610	295	
General protection—Tiruppattúr range.	Alangayam	1891 ..	1,302	1,302	..	1,302	40	
	Narasingapuram	1893 ..	310	..	..	..	..	
	Kalarapatti	1895	728	728	4	724	18	
	Punguiam coupes.. ..	1895-96 ..	1,366	1,098	..	1,098	28	
	Andiyappanur	1894 ..	1,326	896	3	893	41	
	Govindapuram	1895 ..	351	351	..	351	15	
	Kottur (Yelagiris) ..	1885 ..	1,225	1,225	..	1,225	47	
	Onnakarai	1897 ..	..	..	..	..	2	
	Kallavi	..	1,858	1,408	..	1,408	12	
	Kothur block	1883 ..	..	..	..	..	..	
	Naralkotta	1893 ..	1,482	1,835	..	1,835	16	
	Maharajagadai	1896 ..	1,462	1,888	4	1,884	36	
	Mangalam	1901-02 ..	981	186	..	186	21	
	Elavambadi	1902-03 ..	1,894	1,654	40	1,614	64	
	Mambakkam	1904-05 ..	401	295	..	295	24	
	Varatanapalli	1905-06 ..	690	690	..	690	26	
	Nandibunda	1904-05 ..	496	496	..	496	6	
	Burgur	1905-06 ..	492	492	..	92	..	
	Nagaluthu coupes ..	1904-05 ..	186	96	..	496	..	
	Jolarpet coupes, Mangalam extension.	1904-05 ..	125	125	..	125	11	
	Inner Javadis	1905-06 ..	..	..	..	..	14	
	Vellakuttai	1907 ..	..	321	..	321	13	
	Total, Tiruppattúr ..	..	16,675	15,086	51	15,035	434	
Dharmapuri range.	Thoppur coupes	1904-05 ..	220	460	..	460	43	
	Woddapatti	1905-06 ..	160	160	30	130	21	
	Total, Dharmapuri ..	..	380	620	30	590	64	

(*a*) Revised figure.
(*b*) Added as per Accountant-General's audited figures.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

Range.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
North Salem district—*cont.*	*Central Circle*—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
General protection—*cont.* Hosúr range.	Javlagiri	1900 ..	5,120	5,145	9	5,136	32	
	Noganur coupes	1900 ..	338	338	..	338	35	
	Sanamaru grass farm ..	..	..	..	..	..	8	
	Total, Hosúr ..		5,458	5,483	9	5,474	75	
	Total, North Salem, General.	..	22,513	21,189	90	21,099	573	
	Total, North Salem, Special and General.	..	35,664	34,815	106	34,709	868	
South Salem district—Salem East range.	Shevaroys South Working Circle, coupes 1—12.	1902 ..	2,323	5,629	185	5,444	100	
	Kurumbapatti old coupes 1—25.	1897 ..	..	2,546	333	2,213	27	
	Nagaramalai	1901 ..	284	284	83	201	27	
	Shevaroys East Working Circle, coupes 1—12.	1902 ..	2,359	5,429	71	5,358	79	
	Kapputhu old coupes 1—3.	1897 ..	..	187	..	187	31	
	Godumalai old coupes 1—24.	1897 ..	2,100	2,100	1,203	897	6	
	Godumalai new coupes 1—8.	1905 ..	476	1,852	..	1,852	28	
	Jalluthu coupes 1—8 ..	1905 ..	384	1,640	..	1,640	26	
	Pudupatti coupes 1—8 ..	1905 ..	312	1,185	236	949	12	
	Mallur coupes 1—6 ..	1906 ..	112	630	..	630	32	
	Bodamalai coupes 1—5 ..	1906 ..	80	316	..	316	34	
	Thirumanur coupes 1—5.	1906 ..	144	589	..	589	40	
	Kurichi coupes 1—5 ..	1906 ..	128	587	..	587	40	
	Kudimaduru coupes—1—5	1906 ..	120	609	..	609	24	
	Vellalagundam coupe 1 ..	1905 ..	184	..	..	..	..	
	Total, Salem East ..	..	9,006	23,583	2,111	21,472	506	
Salem West range.	Shevaroys West Working Circle coupes 1—10.	1900 ..	1,502	3,277	300	2,977	145	
	Shevaroys Central Working Circle including Sanyasimalai plantation.	1904 ..	653	653	15	638	86	
	Vanavasi Working Circle coupes 1 & 2.	1904 ..	294	294	.	294	15	
	Konur coupes 1 & 2 ..	1904 ..	373	373	..	373	13	
	Suriamalai coupes 1—3 ..	1904 ..	804	804	..	804	30	
	Lokur Working Circle coupes 1—3.	1904 ..	1,398	1,398	2	1,396	83	
	Total, Salem West ..	..	5,024	6,799	317	6,482	372	
Atúr range.	Pattimedu new coupes 1 & 2	1904 ..	258	258	..	258		
	Do. new coupes 3—7.	1907 ..	..	600	..	600	83	
	Do. old coupes cut within 20 years.	1902 ..	..	20	..	20		
	Nagalur new coupe 1 ..	1905 ..	138	138	2	136	77	
	Do. new coupes 2—6.	1907 ..	..	678	..	678		
	Nagalur old coupes felled within 20 years.	1882 ..	..	60	..	60		
	Jadayagoundan coupe 1 ..	1905 ..	264	264	..	264	74	
	Do. coupes 2—6.	1907 ..	..	1,352	..	1,352		
	Mannur coupe 1	1905-06 ..	165	165	..	165		
	Do. coupes 2—6 ..	1907 ..	..	820	..	820	80	
	Do. old coupes felled within 20 years.	1902 ..	..	136	..	136		
	Thumbal coupe 1	1906 ..	133	133	..	133	10	
	Mavar coupe 1	1905 ..	171	171	..	171	8	
	Gengavalli coupe 1 ..	1905 ..	320	320	..	320		
	Do. coupe 2 ..	1907 .	..	368	..	368	52	
	Do. Northern slopes closed portion.	1907 ..	..	353	..	353		
	Naicken kombai	1906 ..	..	4,262	..	4,262		
	Varagur	1906 ..	435	3,650	..	3,650	39	
	Varagur extension ..	1907 ..	..	348	..	348		
	Total, Atur ..	.	1,884	14,096	2	14,094	423	

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 30th June 1906.	During dry season of 1906.			Cost during the season.	Remarks.
				Area attempted to be protected.	Fires.	Actually protected.		
1	2	3	4	5	6	7	8	9
	Central Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
South Salem district—*cont.* Námakkal ..	Jambuthu coupes A to F.	1904-05 ..	408	608	..	608	25	
	Shelur-Vannaraparai coupes.	1905 ..	..	100	..	100	15	
	Karavalli	1905 ..	..	40	..	40	15	
	Shelur Vannaraparai coupe.	1905 ..	..	100	..	100	15	
	Total, Namakkal ..	..	408	848	..	848	70	
Harur, North	Harur reserve	1882-1902 ..	1,311	1,670	120	1,550	108	
	Harur Working Circle coupes—							
	A series (Morappur coupes) 1—10.	1904 ..	743	1,490	..	1,490	61	
	B series (Ponnagarapatti) coupes 1—10.	1904 ..	510	1,022	28	994	72	
	C series (Vathapatti) coupes 1—21	1904 ..	259	1,104	187	917	32	
	D Series (Poyyapatti) whole.	1902 ..	431	3,256	268	2,988	62	
	Ponnar Working Circle coupes.	1902 ..	721	6,831	417	6,414	91	
	Chitteri North Working Circle.—							
	A series (Thirthamalai block).	1904 ..	451	9,806	205	9,601	108	
	B series (Veppanpatti block).	1902 ..	1,351	5,598	80	5,518	189	
	Chitteri North Working Circle.	1907 ..	..	18,819	18	18,801		
	Total, Harur, North ..	..	5,777	49,596	1,323	48,273	723	
Harur, South	Mallapuram							
	Kariappa kombai ..	1882 ..	606	606	15	591	55	
	Mookanur kombai ..	1897 ..	181	181	..	181	72	
	Shevaroys North Working	1901 ..	960	960	..	960	118	
	Circle.	1907 ..	..	24,406	9	24,397	294	
	Shevaroys North Working Circle, coupes 1—5.	1902 ..	3,119	3,119	4	3,115		
	Kouramalai Working Circles, coupes 1—5.	1902 ..	2,051	2,051	..	2,051	133	
	Chitteri South-West Working Circle.	1907 ..	..	19,288	55	19,233	98	
	Chitteri South-West Working Circle, coupes 1—5.	1902 ..	2,258	2,258	..	2,258		
	Total, Harur South ..	..	9,175	52,869	83	52,786	770	
	Total, Salem, South, General.	..	31,274	147,791	3,836	143,955	2,864	
Harur, South	Nochikuttai	1907 ..	..	8,885	153	8,732	..	
	Do. extension ..	1907 ..	..	5,923	..	5,923	..	
Salem South, Special. *	Dombakkal	1907 ..	..	4,553	..	4,553	..	
Harur, North	Chitteri	1907 ..	..	3,459	..	3,459	..	
	Do. extension.. ..	1907 ..	..	5,971	..	5,971	..	
	Karungal	1907 ..	..	2,304	..	2,304	..	
Harur, North	Kalnad	1907 ..	..	5,793	..	5,793	..	
	Kalnad extension.. ..	1907 ..	..	1,440	..	1,440	..	
	Total Salem, South, Special.	..	..	38,328	153	38,175	..	
	Total, Salem, South, Special and General	..	31,274	186,119	3,989	182,130	2,864	

* These blocks are reported to have been under the reward system of protection.

Area of Forest Tracts protected from Fire during 1906–1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area protected during the previous year.	During dry season of 1907. Area attempted to be protected.	During dry season of 1907. Fires.	During dry season of 1907. Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Central Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Trichinopoly—under Special fire protection. Musiri range.	Sengattupatti	1885–86 ..	3,000	4,192	..	4,192	..	
	Manmalai	1887–88 ..	6,000	7,686	..	7,686	..	
	T. Kanapadi	1887–88 ..	11,980	4,723	..	4,723	..	
	Karuppan Kadu Thittu ..	1887–88 ..	2,000	320	..	320	..	
	Mélúr	1885–86 ..	3,000	1,107	..	1,107	..	
	V. Kanapadi	1887–88 ..	9,998	3,795	..	3,795	..	
	Palamalai	1888–89 ..	10,000	6,624	..	6,624	..	
	Kaliammankoil Thittu	1889–90 ..	1,500	512	..	512	..	
	Kanapadi Kannimar sholai.	1889–90 ..	2,560	345	..	345	..	
	Total, Musiri ..	..	50,038	29,304	..	29,304	153	
Perambalúr range.	Manalodai	1885–86 ..	5,000	3,059	..	3,059	..	
	Sholamathi	1885–86 ..	6,000	3,584	..	3,584	..	
	Selaiyur	1889–90 ..	1,600	282	..	282	..	
	Puliyur	1890–91 ..	9,993	3,443	..	3,443	..	
	Sengathur	1890–91 ..	10,000	1,325	..	1,325	..	
	Valayur	1900–01 ..	1,654	2,064	..	2,064	..	
	Arasadi Arivithi	1900–01 ..	3,541	3,546	..	3,546	..	
	Pulambodi No. I	1900–01 ..	2,494	2,506	..	2,506	..	
	Total, Perambalúr ..	..	40,282	19,809	..	19,809	..	
	Total, Trichinopoly, Special.	..	90,320	49,113	..	49,113	153	
Trichinopoly General.								
Musiri range.	Veeramachampatti ..	..	3,878	3,878	30	3,848	..	
	Kuruchimalai ,, ..	..	1,110	1,110	..	1,110	..	
	Total ..	..	4,988	4,988	30	4,958	..	
Udaiyárpaliyám range.	Valakuruchi	..	48	48	..	48	..	
	Total, Trichinopoly, General.	..	5,036	5,036	30	5,006	..	
	Total, Trichinopoly, Special and General.	..	95,356	54,149	30	54,119	153	
	Total, Central Circle, Special.	..	962,151	1,183,923	129,927	1,053,996	9,667	
	Total, Central Circle, General.	..	871,542	1,007,094	15,568	991,526	6,208	
	Grand Total, Central Circle, Special and General.	..	1,833,693	2,191,017	145,495	2,045,522	15,875	
	Southern Circle.							
Canara, South—Special protection. Coondapoor range.	Sarpanamane and Savantagudde.	1886–87 ..	1,390	1,390	5	1,385	41	
	Honnukodlu	1894–95 ..	576	576	..	576	43	
	Herur	1893–94 ..	2,880	2,880	..	2,880	117	
	Talaburave	1895–96 ..	610	610	..	610	34	
	Chittur	..	2,234	2,234	..	2,234	43	Part of reserve only.
	Kadike	..	2,798	2,800	3	2,797	35	
	Karnigadde	..	1,100	1,100	..	1,100	35	
	Gundaberru and Korakoppa.	1904–05 ..	522	522	..	522	37 (for Gundaberru and Korakoppa and Guruvankote)	Cut fuel coupes only.
	Guruvankote	1905–06 ..	216	216	..	216		
	Abbigudde	1897–98 ..	1,408	1,408	..	1,408	55	Transferred from General protection.
	Total, Coondapoor ..	..	13,734	13,736	8	13,728	440	

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area protected during the previous year.	During dry season of 1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Southern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Canara, South, special protection—*cont.* Udipi range.	Chinkramale and extension	1885-86 ..	3,509	3,554	122	3,432	36	
	Tenkahola	1886-87 ..	2,038	2,038	..	2,038	37	
	Mavinakodlu	1895-96 ..	1,627	1,627	..	1,627	40	
	Jatkatmale	1897-98 ..	880	1,386	..	1,386	30	
	Durgamale	..	1,591	1,601	3	1,598	20	
	Someshwar timber coupes I, II, III and IV.	1895-96 ..	743	950	..	950	103	
	Halesomeshwar * ..	1895-96 ..	1,826	1,894	..	1,894	35	* Transferred from B. General protection.
	Vorwadi	1906-07 ..	..	923	..	923	32	
	Andar coupes	1906-07 ..	..	115	..	115	31	
	Total, Udipi ..	..	12,214	14,088	125	13,963	364	
Mangalore range.	Mujimale	1894-95 ..	3,192	3,200	5	3,195	32	
	Todar	1899-00 ..	552	552	..	552	28	
	Hosabettu	..	376	376	..	376	29	
	Naninjemale	1897-98 ..	536	836	2	834	23	
	Panamberi	1902-03 ..	599	640	..	640	34	
	Hurabe	1903-04 ..	495	555	10	545	27	
	Kodiamale	..	1,167	1,169	7	1,162	33	
	Kodialmale	1906-07 ..	..	718	16	702	34	
	Total, Mangalore ..	..	6,917	8,046	40	8,006	240	
Uppinangadi range.	Dharmastala	1887-88 ..	4,753	4,992	..	4,992	52	
	Mujur	1901-02 ..	10,141	10,156	51	10,105	91	
	Porkala	1902-03 ..	4,562	4,563	..	4,563	39	
	Miyar	1901-02 ..	16,322	17,530	96	17,434	47	
	Kombar	..	1,797	1,817	832	985	41	
	Kidu	..	5,544	6,413	19	6,394	38	
	Konaje	..	6,063	6,630	..	6,630	50	
	Padnur	1902-03 ..	2,896	3,155	19	3,136	39	
	Kimtur	..	3,435	3,942	128	3,814	29	
	Nerankimale	..	3,806	3,898	..	3,898	42	
	Nidle	..	2,243	2,560	..	2,560	40	
	Shibaje	..	3,298	3,456	..	3,456	39	
	Kadambilla	..	1,827	1,850	58	1,792	32	
	Porkala coupes I, II and and III.	1904-05 ..	1,957	1,997	..	1,997	86	
	Total, Uppinangadi ..	..	68,644	72,959	1,203	71,756	665	
Puttur range.	Parappa	1996-97 ..	2,554	2,560	..	2,560	74	
	Kanakamajalu	1899-00 ..	2,243	2,249	..	2,249	70	
	Kilarmale cardamom plantation.	1901-02 ..	100	100	..	100	25	
	Muliyar	1903-04 ..	2,109	2,116	5	2,111	73	Transferred from General protection.
	Veerakamba	1897-98 ..	1,518	1,683	2	1,681	50	
	Kalanjimale	1898-99 ..	2,875	3,049	32	3,017	64	
	Total, Puttur ..	..	11,399	11,757	39	11,718	356	
	Total, Canara, South—Special.	..	112,908	120,686	1,415	119,171	2,065	
General protection. Coondapoor range.	Sabladi	1884-85 ..	206	208	..	208	5	
	Kasanakatte	1893-94 ..	254	254	..	254	15	
	Harkur	..	856	856	..	856	18	
	Darlegudde	..	192	192	100	92	..	
	Mudaregudde	..	448	448	..	448	15	
	Baindur	1897-98 ..	6,069	6,069	230	5,839	18	
	Bakudi	1905-96 ..	106	106	..	106	9	
	Total, Coondapoor range.	..	8 131	8,133	330	7,803	80	
Udipi range.	Pilarkan	1883-84 ..	300	300	..	300	..	
	Manaje	1886-87 ..	422	422	..	422	10	
	Jarvathu	1894-95 ..	408	418	2	416	6	
	Mensinakana	1896-97 ..	1,008	1,008	..	1,008	6	
	Matkalgudde	1897-98 ..	251	251	70	181	5	
	Nire	1906-07 ..	..	654	..	654	15	
	Hevea plantation	..	..	2	..	2	..	
	Total, Udipi range ..	..	2,389	3,055	72	2,983	42	

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area protected during the previous year.	During dry season of 1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Southern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
General protection—*cont.* Uppinangudi range.	Shiradi extension ..	1902-03 ..	201	281	..	281	..	
	Total, Canara, South, General	..	10,721	11,469	402	11,067	122	
	Total, Canara, South, Special and General.	..	123,629	132,055	1,817	130,238	2,187 + (a) 700	
Malabar, North.	Begur reserve	1882-83 ..	15,130	15,366	..	15,366	1,342	
	Kudrakottai reserve ..	1905-06 ..	3,050	3,750	..	3,750		
	Kurchyat do. ..	1887-88 ..	17,824	18,053	60	17,993	750	
	Kuppadi do. ..	Do. ..	7,337	7,337	..	7,337	287	
	Rampur do. ..	Do. ..	3,854	18,854	600	18,254	324	
	Mavanhalla do. ..	Do. ..	12,266	12,736	940	11,796	273	
	Kanoth plantations ..	1894-95 ..	380	253	..	253	84	
	Total, North Malabar, Special	..	59,841	76,349	1,600	74,749	3,060 + (b) 451	
Malabar,—South, Special protection. Nilambúr range.	Amarampalam reserve ..	1860-61 ..	468	468	..	468	49	
	Chathamborai do. ..	1872-73 ..	624	624	..	624	117	
	Teak plantations	1842-43 ..	3,516	3,516	..	3,516	509	
	Edacode natural forests (including Vellachipally).	1898-99 ..	3,263	3,263	..	3,263	177	
	Pokote natural forests ..	1904-05 ..	525	525	..	525	72	
	Arimbarakuthamalai ..	1899-1900.	322	322	..	322	42	
	Total, Nilambúr range ..	..	8,718	8,718	..	8,718	966	
Amarampalam range.	Karimpoya reserve ..	1884-85 ..	3,955	3,955	..	3,955	337	
	Nellikutha do. ..	1883-84 ..	1,824	1,824	..	1,824	130	
	New Amarampalam do. ..	1889-90 ..	75,000	75,000	..	75,000	204	
	Kariem, Muriam forests ..	1901-1902.	2,716	2,716	..	2,716	206	
	Total, Amarampalam range	..	83,495	83,495	..	83,495	877	
Mannarghat range.	Panakadan reserve ..	1905-06 ..	1,104	1,104	..	1,104	94	
	Total, South Malabar,—Special	..	93,317	93,317	..	93,317	1,937	
The Nilgiris—Special protection.	Mudumalai teak plantations.	1883 ..	25	25	..	25		
	Benne teak plantation ..	1886 ..	40	40	..	40		
	Benne experimental block.	1893 ..	179	179	..	179	1,009	
	Tuckles of 1896 and 1899.	1899 ..	25	25	..	25		
	Margadi blocks Nos. II and III.	1888 ..	2,476	2,781	..	2,781		
	Margadi blocks Nos. IV and V.	1898 ..	2,686	2,686	..	2,686		
	Moyar reserve forest (east).	1886 ..	2,720	4,000	..	4,000		
	Northern Hay and moyar plantations.	1883 ..	7	22	..	22		
	Sandalwood tracts in Sigur reserve forest.	1899 ..	600	600	..	600	823	
	Moyar west	1904 ..	8,976	8,976	..	8,976		
	Chemmanguli	1883 ..	25	25	..	25		
	Aranakal		9	9	..	9		
	Governor's Shola No. I ..		25	25	..	25		
	Do. No. II ..		30	30	..	30		
	Andi		17	17	..	17	214	
	Upatti	1883 ..	12	12	..	12		
	Sheffield		25	25	..	25		
	Cully		17	17	..	17		
	Chowghat Cully		26	26	..	26		
	Madanad		8	8	..	8		
	Baikie		50	50	..	50		
	Aramby		430	430	..	430		
	Marlimund..	1898 ..	11	11	..	11	152	
	Cairn Hill		405	405	..	405		
	Muttunad		80	80	..	80		

(a) Expenditure incurred in fire-tracing boundaries, etc.

(b) Added as per Accountant-General's audited figures.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area protected during the previous year.	During dry season of 1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Southern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
The Nilgiris —Special protection —*cont.*	Kullar reserve		919	919	..	919		
	Burliyar		178	178	..	178		
	Ghaut reserve		247	247	..	247		
	Coonoor peak		259	259	..	259		
	Bandishola	1883 ..	111	111	..	111		
	Sim's Park, block No. I.		48	48	..	48		
	Blackbridge		40	40	..	40		
	Little Rallia		10	10	..	10		
	Newman		35	35	..	35	152	
	Rallia	1883 ..	60	60	..	60		
	Longwood addition .		350	350	..	350		
	Kunjapanai sandalwood area.	1898 ..	640	640	..	640		
	Bleak House		57	57	..	57		
	Springfield	1899 ..	30	30	..	30		
	Sim's Park, No. II ..		36	36	..	36		
	Total, The Nilgiris, Special.	..	21,924	23,524	..	23,524	2,198	
The Nilgiris —General protection.	Ulnad	1883 ..	839	839	..	839		
	Mukurty	1888 ..	1,324	1,324	..	1,324		
	Kururmund	1883 ..	1,552	1,552	..	1,552		
	Kundahs	1885 ..	42,505	42,505	..	42,505		
	Pichelbettu	1886 ..	1,668	1,668	..	1,668		
	Kadesopa	1886 ..	1,622	1,622	..	1,622		
	Nanjanad	1893 ..	914	914	..	914	185	
	Vellingiri	1886 ..	391	391	..	391		
	Karpakan	1886 ..	643	643	..	643		
	Pykara	1893 ..	844	844	..	844		
	Yemmakal	1886 ..	465	465	..	465		
	Hiriashigai	1887 ..	3,026	3,026	..	3,026		
	Thaishola	1885 ..	1,551	1,551	..	1,551		
	Bikkapathi	1894 ..	1,945	1,945	..	1,945		
	Naduvattam	1885 ..	3,411	3,411	..	3,411		
	Ouchterlony	1886 ..	973	973	..	973	..	
	Nilgiri Peak	..	5,962	5,962	..	5,962		
	Chinna Coonoor	1894 ..	14	14	..	14		
	Muthinad	1883 ..	340	340	..	340		
	Kengal	..	14	14	..	14	..	
	Kodanad	1895 ..	40	40	..	40	..	
	Huppatti	..	491	491	..	491	..	
	Kaguchi	..	475	475	..	475	208	
	Idubatti	..	15	15	..	15	..	
	Bathrishola	1884 ..	34	34	..	34	..	
	Doddabetta	..	758	758	..	758	..	
	Jakuntha	..	373	373	..	373	..	
	Honnathalai	..	320	320	..	320	..	
	Keriyada	..	276	276	..	276	..	
	Kengodu	..	451	451	..	451	..	
	Lovedale (East)	..	127	127	..	127	..	
	Benhope reserve	1885 ..	75	75	..	75	..	
	Black bridge	1883 ..	350	350	..	350	..	
	Devashola (North and South).	1883 ..	211	211	..	211	..	
	Brooklands	..	177	177	..	177	..	
	Jackal plantation	1902 ..	5	5	..	5	..	
	Jackanari	..	324	324	..	324	331	
	Total, the Nilgiris (General).	..	74,505	74,505	..	74,505	724	
	Total, the Nilgiris (Special and General).	..	96,429	98,029	..	98,029	2,922	

Area of Forest Tracts protected from Fire during 1906–1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area protected during the previous year.	During dry season of 1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Southern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Coimbatore, North—	Hassanur sandalwood compartment, Satyamangalam range.	1895-96 ..	2,140	2,140	..	2,140	87	
	Geddasal Timber, coupes I and II.	1902-03 ..	3,381	4,704	385	4,319	206	
	Talamalai sandalwood compartment, Talamalai range.	1897-98 ..	589	589	..	589	24	
	Badagalli sandalwood compartment, Talamalai range.	1896-97 ..	685	685	..	685	34	
	Hugathurbetta block, Talamalai range.	1903-04 ..	3,068	3,068	1	3,067	89	
	Kontibetta block, Talamalai range.	1905-06 ..	8,960	8,960	..	8,960	109	
	Bailur sandalwood compartment, Kollegal range.	1895-96 ..	3,022	3,034	..	3,034	196	
	Udaiyárpálaiyam, Kollegal range.	1895-96 ..	1,271	1,321	6	1,315	94	
	Jadathadi, Kollegal range.	1895-96 ..	235	235	..	235	119	
	Aluvarrai block, Kollegal range.	1903-04 ..	4,313	4,313	..	4,313	141	
	Araipolliam working circle.	1903-04 ..	3,144	3,144	..	3,144	58	
	Gundal working circle.	1903-04 ..	1,846	1,846	..	1,846	96	
	Chikailur working circle.	1903-04 ..	2,990	2,990	..	2,990	5	
	Uginium Oshatti plateau, Satyamangalam range.	1906-07 ..	..	12,800	..	12,800	60	
	Ponnachi betta .. .. / Madeswaranmalai .. .. / Ramapuram range ..	1906-07 ..	..	32,780	..	32,780	152	
	Lokanhulli-Honnebarai block, Kollegal range.	1906-07 ..	..	19,200	90	19,110	86	
	Total, Coimbatore, North, Special	..	35,644	101,809	482	101,327	1,556 +(a) 636 +(b) 200	
Coimbatore, South—Special protection. Tunacadavu and Pollachi.	Tekadi leased forests and portion of Tunacadavu reserve No. I.	1882-83 ..	24,449	26,374	310	26,064	1,253	
Pollachi ..	Punachi reserve No. II ..	1888-89 ..	2,806	2,880	..	2,880	630	
Udamalpet ..	Dhully block ..	1883-84 ..	485	485	..	485	55	
Méttupálaiyam.	Singaratope working circle of Odanthorai block.	1891-92 ..	777	777	..	777	177	
Bolampatti.	Sholakarai. (Bolampatti block I.)	1883-84.	157	1,157	..	1,157	1,003	
	Thenkaradu. (Bolampatti block I.)	1883-84.	387	393	..	393		
	Keerapatti. (Bolampatti block I.)	1883-84.	2,260	2,260	..	2,260		
	Oratti .. (Bolampatti block I.)	1883-84.	1,136	1,136	..	1,136		
	Kuchimalai. (Bolampatti block I.)	1883-84.	1,545	1,545	..	1,545		
	Noyel .. (Bolampatti block II.)	1883-84.	10,920	10,920	..	10,920		
	Velliyangiri. (Bolampatti block II.)	1883-84.	5,240	5,240	..	5,240		
	Varadimudi. (Bolampatti block II.)	1883-84.	7,896	7,960	..	7,960		
	Kanavarai .. Bolampatti block III and portions of blocks II and IV.	1883-84.	13,233	13,880	..	13,880		
	Walayar reserve	1873-74 ..	3,007	3,017	2	3,015		
	Chenath Nair reserve ..	1884-85 ..	15,113	15,203	..	15,203	397	
	Dhoni reserve ..	1898-99 ..	45	45	..	45		
	Pulliampalli tope ..	1900-1901.	18	20	..	20		
	Tambirattipottai reserve ..	1891-92 ..	116	124	3	121		
	Total, Coimbatore, South, Special.	..	89,590	93,416	315	93,101	3,515	

(*a*) Amount spent in fire protecting 62 miles of lines.
(*b*) Amount spent on the experiment on grass by firing performed in Talamalai range.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

Range.	Forest tracts.	Year in which protection commenced.	Area protected during the previous year.	During dry season of 1906-1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Southern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Coimbatore, South—General protection.								
Tunacadavu and Pollachi.	Tunacadavu reserve No. 1.	..			..			
Pollachi ..	Punachi reserve No. II.	..	255,357	256,847		256,767	..	
Udamalpet ..	Amravati „ „ III.	..			..			
Tunacadavu, Pollachi and Udamalpet.	Anamalai „ „ IV.	..	..	..	80	..	..	
	Bolampatti „ „ I.	..						
Bolampatti.	„ „ „ II.	..						
	„ „ „ III.	..						
Bolampatti and Méttupálaiyam.	Tadagam „ „ IV.	..						
	Gopanari „ „ V.	..	74,760	74,791	..	74,791	..	
Méttupálaiyam.	Kempampalayam reserve No. VI.	..						
	Nellithorai reserve No. VII.	..						
Bolampatti ..	Small Sholakarai reserve No. X.	..						
	Sankararayapuram reserve	..						
Méttupálaiyam.	Odanthorai reserve No VIII.	..	5,335	5,335	..	5,335	..	
	Modur reserve No. IX ..	..	5,805	5,805	..	5,805	..	
	Nellimalai reserve ..	..	1,882	1,882	..	1,882	..	
	Elayamuthur reserve ..	..	762	762	..	762	..	
Udamalpet ..	Dhali reserve	..	145	145	..	145	..	
Méttupálaiyam.	Avanashi palmyra tope ..	..	67	67	..	67	..	
	Total, Coimbatore, South, General	..	344,113	345,634	80	345,554	..	
	Total, Coimbatore, South, Special & General ..	..	433,703	439,050	395	438,655	3,515	
Madura ..	Amburivi	1886-87 ..	10,769	10,769	..	10,769	22	
	Shengalvarayar	1885-86 ..	4,608	4,608	..	4,608	89	
	Pambar	1883-84 ..	4,243	4,243	900	3,343	528	
	Adukkam	1885-86 ..	5,935	5,935	..	5,935	60	
	Poombarai Vilpatti valley.	1884-85 ..	17,594	17,594	..	17,594	169	
	Karungal Doni medu ..	1885-86 ..	2,817	2,816	..	2,816	..	
	Kukal	1886-87 ..	11,725	11,725	..	11,725	32	
	Kudrayar	1886-87 ..	13,235	13,235	..	13,235	54	
	Perumalmalai							
	Thogavarai shola	1886-87..	7,060	7,360	55	7,305	108	
	Talayar kadu							
	Kadamaravu							
	Olianuthuodai	1888-89 ..	4,352	4,352	..	4,352	40	
	Parappar	1902-1903.	56	56	..	56	5	
	Gundar valley extension.	1904-1905.	5,660	5,860	..	5,860	379	
	Ampthill Downs reserve ..	1905-1906.	31,276	31,276	300	30,976	160	
	Perumalmalai shola ..	1902-1903	279	280	..	280	25	
	Anagiri	1902-1903.	76	76	..	76	12	
	Tiger shola	1902-1903.	1,260	1,260	..	1,260	52	
	Glenfalls	1902-1903.	36	36	..	36	9	
	Gundar valley	1902-1903.	4,590	4,590	700	3,890	133	
	Samikanal	1902-1903.	1,620	1,620	..	1,620	92	
	Keelanavagal	1902-1903.	559	559	..	559	31	
	Alagar Hill	1882-1883.	16,815	16,838	..	16,838	678	
	Total, Madura ..	..	144,565	145,088	1,955	143,133	2,678 —(*a*) 2	

(*a*) Added or deducted as per accountant-General's audited figures.

Area of Forest Tracts protected from Fire during 1906-1907—*cont.*

District.	Forest tracts.	Year in which protection commenced.	Area protected during the previous year.	During dry season of 1907. Area attempted to be protected.	Fires.	Actually protected.	Cost during the season.	Remarks.
1	2	3	4	5	6	7	8	9
	Southern Circle—cont.		ACS.	ACS.	ACS.	ACS.	RS.	
Tinnevelly—Special protection—Srívilliputtúr.	Aiyanarkoyil Working Circle.	1902 ..	4,367	4,722	100	4,622	185	
Sankaranayinárkóyil.	Karuppasamikoil Working Circle.	1902 ..	6,148	6,155	70	6,085	311	
Tenkási ..	Kadayanallur Working Circle.	1902 ..	2,280	2,446	176	2,270	121	
	Kuttalam Working Circle.	1902 ..	2,644	2,644	413	2,231	46	
Ambásamudram.	Koilteri ,,	1902 ..	2,013	2,013	20	1,993	106	
	Padarmalai ,,	1902 ..	3,045	3,045	..	3,045	85	
Nangunéri ..	Kalakad ,,	1902 ..	2,653	2,918	30	2,888	167	
	Tirukurungudi ,,	1902 ..	2,537	2,538	4	2,534	110	
	Kopparai ,,	1905 ..	..	1,245	..	1,245	39	
	Total, Tinnevelly, Special.	..	25,687	27,726	813	26,913	1,170	
General protection—Srívilliputtúr.	Ghât forests, V and V (*a*).	1902 ..	37,557	38,783	231	38,552	212	
Sankaranayinárkóyil.	,, IV and IV(*a*).	1902 ..	20,179	20,379	3,882	16,497	80	
Tenkási ..	Ghât forests, III, III (*a*), (*b*), (*c*), (*d*) (*e*). and extensions Nos. 1 to 3 of Kuttalam reserve.	1902 ..	20,771	21,502	4,709	16,793	252	
Ambásamudram.	Ghât forests, II, II (*a*) and II (*b*).	1902 ..	101,748	104,740	1,478	103,262	463	
Nángunéri ..	Ghât forests, I and I (*a*), Teak tract Mahendragiri and Vannamutti.	1902 ..	43,878	44,736	4,265	40,471	209	
	Total, Tinnevelly, General.	..	224,133	230,140	14,565	215,575	1,216	
	Total, Tinnevelly, Special and General.	..	249,820	257,866	15,378	242,488	2,386 +(*a*) 293	
	Total, Southern Circle, Special protection.	..	583,476	681,815	6,580	675,235	20,457	
	Total, Southern Circle, General protection.	..	653,472	661,748	15,047	646,701	2,062	
	Grand Total, Southern Circle.	..	1,236,948	1,343,563	21,627	1,321,936	22,519	
	Total, Presidency, Special.	..	1,897 279	2,283,524	304,431	1,979,093	52,135	
	Total, Presidency, General.	..	2,179,413	2,425,080	36,385	2,388,695	16,243	
	Grand Total, Presidency..	..	4,076,692	4,708,604	340,816	4,367,788	68,378	

(*a*) Added or deducted as per Accountant-General's audited figures.

ANNUAL FORM NO. 52.

Forest Department, Madras Presidency.

AREA closed and open to grazing during 1906–1907.

District.	Area in square miles.						
	Closed to all animals.		Closed to both goats and sheep.		Area closed to goats only.	Open to all animals.	Total forest area as per Form No. 44.
	Whole year.	Part of year.	Whole year.	Part of year.		Whole year.	
1	2	3	4	5	6	7	8
Northern Circle.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.	SQ. MLS.
Ganjám	71	..	..	..	598	..	598
Vizagapatam	6	..	..	..	298 47	..	298 47
Gódávari, Upper	..	..	..	..	461	..	461
Do. Lower ..	10 75	..	271 ..	..	136 75	..	407 75
Kistna	24	13	..	..	144	123	280
Guntúr	218	7	..	..	701	106	814
Kurnool, East	182	..	..	..	1,479	..	1,479
Do. West	19 ..	6 ..	..	..	1,145	..	1,079 72
Bellary	73	..	..	..	600	89	624 65
Anantapur	74	..	1	..	528 12	..	529 12
Total, Northern Circle ..	752	26	272	..	6,224	318	6,569 271
Central Circle.							
Cuddapah, North	3	..	..	..	680	81	761
Do. East	12	..	..	..	1,022	18	980 60
Do. South	2	1	..	..	535	15	551
Nellore	42	1	27	4	620	86	738
Chingleput	59	..	..	..	213	1	214
Arcot, North	127	..	..	..	1,256	35	1,290 1
Do. South	19	..	..	..	663	..	663
Salem, North	54	..	254	..	608	58	874 46
Do. South	74	..	..	..	749	..	728 21
Trichinopoly	16	..	..	..	317	..	313 4
Tanjore	5	..	..	..	20	..	19 1
Total, Central Circle ..	413	2	281	4	6,683	294	7,131 133
Southern Circle.							
Canara, South	29	..	..	..	1,051	..	804 247
Malabar, North	30	..	..	..	261	..	260 1
Do. South	258	..	258	..	..	2	196 64
Nilgiris, The	16	..	..	..	459 86	..	459 86
Coimbatore, North	81	..	..	..	1,609	..	1,333 276
Do. South	34	..	..	..	686	..	686
Madura	109	..	..	..	560	106	666
Tinnevelly	225	..	..	..	438	..	437 1
Total, Southern Circle ..	782	..	258	..	5,150	108	4,841 675
Grand Total, Presidency ..	1,947	28	811	4	18,057	720	18,541 1,079
Do. 1905–1906 ..	1,503	38	315	672	16,827	1,733	19,585

N.B.—The totals of columns 3, 4, 5, 6 and 7 equal column 8. The figures in column 6 includes the figures in column 2. Of the figures in brackets, the upper ones denote the area of reserved forests and the lower ones the area of reserved lands.

FORM

RETURN of Grazing in the State forests of the

Districts.	Grazing on payment.									
	At enhanced or special rates.					At full rates.				
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.
1	2	3	4	5	6	7	8	9	10	11
Northern Circle.					RS.					RS.
Ganjám	..	..	..	..	..	10,307	38,342	(s) 435	..	11,095
Vizagapatam (a)	78	2,914	(s) 2,364	..	1,063	1,457	15,999	(s) 2,874	..	(b) 3,726
Gódávari, Upper	..	..	..	..	..	..	..	..	.	..
Do. Lower	(c) 7,899 (d) 1,001	(c) 10,163 (d) 401	.. ..	.. ..	6,490 901	1,894	11,043	(s) 190	..	(e) 1,941
Kistna	(i) 105 (h) 2,719	(i) 1,444 (k) 261 (j) 8,862	(i) (s) 660 (h) (s) 315 (g) (k) 450 g) (l) 880	..	5,849	6,880	25,844	(s) 26,057 (g) 6,521	..	(m) 10,270
Guntúr	(o) 332 (p) 3,328 (r) 668	(o) 5,050 (p)59,278 ..	(o) (g) 707 (o) (s) 5,625 (g) (p) 16,260 (s) (p) 77,852 ..	.. .. ..	2,220 (q) 42,446 668	11,824	14,488	(g) 18,572 (s) 74,258	..	15,853
Kurnool, East ..	(t) 7,277 (u) 55	(t) 65,197 (u) 1,772	(t) (s) 33,877 (u) (s) 1,070		24,475	1,691	10,314 (u) 1,193	(s) 29,637 (u) (s) 50	..	5,461
Do. West	3,502	26,182	(s) 11,676	75	9,773	3,728	34,159	(s) 57,316	31	13,185
Bellary	..	..	..	..	..	17,148	62,852	(s) 288,141	..	45,228
Anantapur (v)	..	..	..	..	..	3,498	46,979	(s) 59,977	..	16,679
Total, Northern Circle ..	26,964	181,524	(s) 133,439 (g) 18,297	75	93,885	58,427	261,213	(s) 538,935 (g) 25,093	31	1,23,438
Central Circle.										
Cuddapah, North	..	..	..	..	..	3,332	44,692	(s) 106,659 (g) 10,218	..	(y) 24,768
Do. East	..	..	..	..	..	4,518	39,614	(s) 81,567 (g) 3,193	..	(z) 18,365
Do. South	..	..	..	..	..	3,414	62,215	(s) 64,875 (g) 857	..	(cc) 20,440
Nellore	..	66,065	(s) 155,297 (g) 27,925	..	42,910	9,590	..	..	..	3,596
Chingleput	..	..	..	..	..	1,093 (dd)1,699 (ee) 1,091	13,614 (dd)16,874 (ee)11,570	(s) 14,756 (dd)(s)27,360 (ee)(s) 15,337	.. .. ..	4,346 3,183 2,008
Arcot, North	..	..	..	..	..	5,612	138,533	(s) 114,215 (g) 465	..	39,135
Do. South (ii)	..	(hh)18,469	..	..	4,617	4,827	109,373	(s) 135,701	..	35,046
Salem, North (jj) ..	1,815 (kk) 399	80,724	(s) 16,249 (g) 3,244	..	25,140	428	36,592	(s) 5,373	..	7,525
Do. South	..	8,029	(s) 852	..	3,170	1,760	88,002	(s) 30,429	..	(ll) 20,015
Trichinopoly	..	..	..	..	..	1,102	30,376	(s) 103,766	..	15,837
Tanjore	..	..	..	..	..	478	2,923	3,915	..	(mm) 1,127
Total, Central Circle ..	2,214	173,287	(s) 172,398 (g) 31,169	..	75,837	38,944	594,378	(s) 703,953 (g) 14,733	..	1,95,391
Southern Circle.										
Canara, South	..	..	..	..	..	5,346	34,225	..	..	8,422
Malabar, North	..	..	..	..	..	3,406	6,845	..	..	2,561
Nilgiris, The	..	..	..	..	..	11,371	22,002	(s) 1,022	282	8,988
Coimbatore, North	9,154	149,833	(s) 35,352	..	46,454	48 (nn) 305	1,461 (nn)9,383	(s) 1,781 ..	.. ..	1,396
Do. South	..	..	..	..	..	840	47,198	(s) 12,583	..	10,344
Madura (oo)	477	59,495	(s) 38,257 (g) 50,586	..	32,541	..	..	..	..	..
Tinnevelly	..	..	..	..	..	864	19,941	(s) 31,009	..	6,970
Total, Southern Circle ..	9,631	209,328	(s) 73,609 (g) 50,586	..	78,995	22,180	141,055	(s) 46,395	282	38,681
Grand Total, Presidency.	38,809	564,139	(s) 379,446 (g) 100,052	75	2,48,717	119,551	996,646	(s)1,289,283 (g) 39,826	313	3,57,510

(a) The enhanced rates in the district are As. 8 per buffalo, As. 4 per bull or cow and As. 2 per sheep and full rates As. 6 per buffalo, As. 3 per bull or cow and As. 1-6 per sheep.
(b) The actual fees received are reported to be Rs. 3,725-13-0; but the fees at the sanctioned rates amount to Rs. 3,809-6-0. It is not reported how the Collector's figure has been arrived at.
(b1) Buffaloes at As. 2, cows and bulls at Anna 1 and sheep at Pies 6.
(c) Enhanced rates are As. 8 per buffalo and As. 4 per bull or cow.
(d) Enhanced rates As. 12 per buffalo, As. 6 per bull or cow.
(e) Includes Rs. 65 being the sale-proceeds of fodder grass.
(f) Anna 1 per buffalo, and Anna 1 per bull or oow.
(g) Goats.
(h) As. 8 per buffalo, As. 8 per bull and As. 2 per sheep.
(i) Re. 1 per buffalo, Re. 1 per bull and As. 4 per sheep.
(j) As. 4 per bull.
(k) As. 8 per goat.
(l) As. 3 per goat.
(m) The fees at full rates amount to Rs. 10,480 and not Rs. 10,270 as stated in the Collector's return.
(n) As. 4 per buffalo and As. 2 per bull.
(o) As. 8 per buffalo, As. 4 per bull or cow and As. 2 per sheep or goat.
(p) Enhanced rates As. 12 per buffalo, As. 6 per bull or cow and As. 3 per sheep or goat.
(q) The actual fees collected are reported to amount to Rs. 42,446-4-0; but the fees at the enhanced specified rates amount to only Rs. 42,371-4-0. It is not stated how the Collector's figure has been arrived at.
(r) Plough bullocks at Re. 1.
(s) Sheep.
(t) Enhanced rates As. 8 per buffalo, As. 4 per bull and As. 2 per sheep or goat.
(u) Young ones. Half the rates.
(v) The fees calculated at full and privileged rates amount to Rs. 20,822 only and not Rs. 27,157 as stated in the Collector's return.
(w) Privileged rates As. 1-6 per bull and 9 pies per sheep.
(y) The fees calculated at the full rates, amount to only Rs. 20,586 and not Rs. 24,768 as stated in the district return.
(x) Privileged rates are As. 2 per bull and 9 pies per sheep or goat.
(z) The fees calculated at full rates amount to only Rs. 17,068 and not Rs. 18,365 as stated in the Collector's return.

No. 53.

Madras Presidency during 1906–1907.

Number of animals.						Grazing free. Number of animals.											
At privileged rates.						By right under settlement.					During pleasure of Government or otherwise than under settlement.						Grand total of value at full rates.
Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received. Actual.	Fees received. Value at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Total value of fees at full rates.	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
				RS.	RS.					RS.					RS.	RS.	RS.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11,095
..	..	..	..	..	..	..	200	..	..	38	..	100	..	..	19	57	4,846
(b_1) 4,074	$(b)_1$ 16,690	$(b)_1$ 5,630	..	1,728	5,185	..	..	..	..	..	485	5,940	152	..	1,310	1,310	6,495
(f) 452	(f) 12,150	..	..	788	2,278	..	..	..	..	..	879	9,642	..	..	2,138	2,138	13,748
(n) 2,343	(n) 9,589	..	..	1,784	2,676	..	..	..	..	..	..	..	..	..	..	..	18,795
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	61,187
..	..	..	..	..	..	..	994	2,202	..	393	..	..	..	..	..	393	30,329
..	..	..	..	..	..	1,491	3,303	..	..	598	..	..	..	..	..	598	23,556
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45,228
..	(w) 10,935	(w) (s) 86,456	..	5,078	8,311	..	..	..	..	..	..	..	..	..	..	..	24,990
6,869	49,364	(s) 92,086	..	9,378	18,450	1,491	4,497	2,202	..	1,029	1,364	15,682	152	..	3,467	4,496	2,40,269
..	(x) 156	(x) 75	..	22	43	..	..	..	..	..	..	..	..	..	..	..	24,811
..	(aa) 314	(aa) (s) 350	..	46	92	..	685	..	..	128	..	..	..	..	..	128	18,681
	(bb) 340	(bb) (s) 350	..	32	96												
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20,440
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	46,506 (ff) 6,390
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9,537
(gg) 12	(gg) 636	..	..	62	124	..	..	..	..	..	..	..	..	..	..	..	39,259
..	..	..	..	..	..	..	..	..	..	..	681	2,353	(s) 41	..	700	700	40,363
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32,665
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23,185
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15,837
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,127
12	1,446	(s) 775	..	162	355	..	685	..	..	128	681	2,353	(s) 41	..	700	828	2,78,801
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8,422
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2,561
..	85	..	..	2	16	..	..	..	..	..	..	..	..	..	..	..	9,004
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	47,850
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10,344
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32,541
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6,970
..	85	..	..	2	16	..	..	..	..	..	..	..	..	..	..	..	1,17,692
6,881	50,895	(s) 92,861	..	9,542	18,821	1,491	5,182	2,202	..	1,157	2,045	18,035	193	..	4,167	5,324	6,36,762

(aa) As. 1–6 per bull and 9 pies per sheep.
(bb) As. 1 per bull and 6 pies per sheep.
(cc) The fees calculated at full rates amount to only Rs. 19,108 and not Rs. 20,440 as stated in the Collector's return.
(dd) Licensed for the first half year at half rates.
(ee) Licensed for the second half year at half rates.
(ff) Kancha rent, grass rent.
(gg) As. 1-6 per bull and 9 pies per sheep or goat.
(hh) As. 4 per bull.
(ii) Cattle of Malayalees allowed free in the Tenmalais, Tiruvannamalai range.
(jj) Enhanced rates As. 8 per buffalo, As. 4 per bull and As. 2 per sheep and As. 8 per goat.
(kk) Pen licenses at Re. 1.
(ll) Including pen license (Re. 1) and excess remittance (Re. 1).
(mm) Includes penning license fees Rs. 33.
(nn) Half rates.
(oo) Enhanced rates As. 8 per buffalo, As. 4 per bull, As. 2 per sheep and As. 4 per goat were levied.

RETURN of Grazing in the State forests of the

—	Grazing on payment. Number of animals. At enhanced rates. Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.	At full rates. Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received.
1	2	3	4	5	6	7	8	9	10	11
Northern Circle.					RS.					RS.
Unreserved lands—										
Gódávari, Lower ..	(a)3,763 (b) 25	(a) 5,844 (b) 142	..	..	3,414	..	..	(s) 832 (g)1,522	..	(c) 2,069
Total, Northern Circle ..	3,788	5,986	..	..	3,414	..	..	(s) 832 (g) 1,522	..	2,069
Southern Circle.										
Reserved lands—										
Canara, South	..	..	..	..	..	17	255	..	..	54
Nilgiris, The	..	140	..	..	70	..	..	..	..	..
Coimbatore, North	(d) 456	14,227	(s) 616	..	3,862	..	..	..	..	..
Total, Southern Circle ..	456	14,367	(s) 616	..	3,932	17	255	..	..	54
Northern Circle.										
Reserved forests	26,964	181,524	(s) 133,439 (g) 18,297	75	93,885	58,427	261,213	(s) 538,935 (g) 25,093	31	123,438
Unreserved lands	3,788	5,986	..	..	3,414	..	..	(s) 832 (g) 1,522	..	2,069
Total, Northern Circle ..	30,752	187,510	(s) 133,439 (g) 18,297	75	97,299	58,427	261,213	(s) 539,767 (g) 26,615	31	125,507
Central Circle.										
Reserved forests	2,214	173,287	(s) 172,398 (g) 31,169	..	75,837	38,944	594,378	(s) 703,953 (g) 14,733	..	195,391
Southern Circle.										
Reserved forests	9,631	209,328	(s) 73,609 (g) 50,586	..	78,995	22,180	141,055	(s) 46,395	282	38,681
Reserved lands	456	14,367	(s) 616	..	3,932	17	255	..	..	54
Total, Southern Circle ..	10,087	223,695	(s) 74,225 (g) 50,586	..	82,927	22,197	141,310	(s) 46,395	282	38,735
Grand Total, Presidency ..	43,053	584,492	(s) 380,062 (g)100,052	75	256,063	119,568	996,901	(s)12,90,115 (g) 41,348	313	359,633

(a) As. 8 per buffalo and As. 4 per bull or cow. (b) As. 12 per buffalo and As. 6 per bull or cow.
(c) Includes Rs. 1,848, being sale-proceeds of pasture collected by Revenue officers.
(d) As. 8 per buffalo, As. 4 per bull and As. 2 per sheep.

Madras Presidency during 1906–1907.

Grazing at privileged rates.						Grazing free. Number of animals.											
At privileged rates.						By right under settlement.					During pleasure of Government or otherwise than under settlement.						Grand total of value at full rates.
Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Fees received. Actual.	Fees received. Value at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Other animals.	Value of fees at full rates.	Total value of fees at full rates.	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
				RS.	RS.					RS.					RS.	RS.	RS.
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,483
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,483
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	54
..	..	..	..	..	..	2,330	..	..	..	874	..	..	..	..	..	874	944
..	..	..	..	..	..	..	..		..	..	..	..	..	..	..	..	3,862
..	..	..	..	..	..	2,330	..	..	..	874	..	..	..	..	..	874	4,860
6,869	49,364	(s) 92,086	..	9,378	18,450	1,491	4,497	2,202	..	1,029	1,364	15,682	152	..	3,467	4,496	2,40,269
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,483
6,869	49,364	(s) 92,086	..	9,378	18,450	1,491	4,497	2,202	..	1,029	1,364	15,682	152	..	3,467	4,496	2,45,752
12	1,446	(s) 775	..	162	355	..	685	..	..	128	681	2,353	41	..	700	828	2,78,801
..	85	..	..	2	16	..	..	..	..	..	..	..	..	..	..	..	1,17,692
..	..	..	..		..	2,330	..	..	..	874	..	..	..	..	..	..	4,860
..	85	..	..	2	16	2,330	..	..	..	874	..	..	..	..	..	..	1,22,552
6,881	50,895	(s) 92,861	..	9,542	18,821	3,821	5,182	2,202	..	2,031	2,045	18,035	193	..	4,167	5,324	6,47,105

ABSTRACT of animals licensed to graze on payment.

Circle.	Buffaloes.	Bulls calves.	Sheep.	Goats.	Other animals.	Total.
Northern	96,048	498,087	765,292	44,912	106	14,04,445
Central	41,170	769,111	877,126	45,902	..	17,33,309
Southern	32,284	365,090	120,620	50,586	357	568,937
Total ..	169,502	1,632,288	1,763,038	141,400	463	3,706,691

Annual Form No. 54.

Forest Department, Madras Presidency.

Artificial reproduction, 1906–1907.

Circle	District.	Area in acres. On 1st July 1906.	Area in acres. Added during the year.	Area in acres. Excluded during the year.	Area in acres. Area on 30th June 1907.	Expenditure during the year. Creation.	Expenditure during the year. Upkeep.	Total expenditure from commencement. Creation.	Total expenditure from commencement. Upkeep.	Revenue during the year.	Total revenue from date of creation of plantation.
	1	2	3	4	5	6	7	8	9	10	11
	A. Regular Plantations.										
						RS.	RS.	RS.	RS.	RS.	RS.
Northern Circle.	Ganjám	348	..	..	348	..	431	33,900	5,990	854	9,423
	Vizagapatam	78	..	..	78	60	..	135	6	353	718
	Lower Gódávari	632	87	9	710	3,281	1,390	30,254	7,240	13,046	27,852
	Kistna	1,027	133	67	1,093	3,269	2,357	10,744	15,101	7,570	29,422
	Guntúr	1,337	130	..	1,467	1,402	915	10,276	2,306	2,042	5,961
	Kurnool, East	16	43	5	54	1,851	180	2,235	234	..	..
	Do. West	288	65	..	353	17,053	2,864	30,002	2,864	300	300
	Total, Northern Circle	3,726	458	81	4,103	26,916	8,137	1,17,546	33,741	24,165	73,676
Central Circle.	Cuddapah East	54	..	..	54	..	50	Not known.	..	25	Not known.
	Nellore	4,947	120	..	5,067	9,085	..	74,559	..	21,783	2,06,937
	Chingleput	222	..	..	222	..	222	..	2,369	300	7,003
	North Arcot	1,171	129	129	1,171	2,902	1,147	4,031	1,23,090	6,464	41,183
	South do.	1,041	..	..	1,041	1,641	377	21,542	1,269	17,139	92,215
	North Salem	561	..	..	561	41	118	122	28,769	240	3,603
	South do.	660	111	130	641	21	..	43,392	77	376	7,668
	Tanjore	539	..	..	539	65	1,635	..	..	2,734	..
	Total, Central Circle	9,195	360	259	9,296	13,755	3,549	1,43,646	1,55,574	49,061	3,58,609
Southern Circle.	South Canara	122	..	..	122	..	227	2,263	5,381	800	13,458
	North Malabar	720	117	..	837	5,063	834	14,223	11,046	..	..
	South do.	5,549	136	..	5,685	3,773	4,386	5,19,245	4,93,628	1,19,041	10,77,847
	The Nilgiris	1,645	..	..	1,645	..	16,724	..	..	22,070	..
	North Coimbatore	209	..	..	209	..	..	..	..	..	..
	South do.	30	..	..	30	..	32	6,228	81	..	..
	Madura	275	40	..	315	695	..	695	..	..	..
	Tinnevelly	652	114	..	766	226	627	1,405	1,757	..	..
	Total, Southern Circle	9,202	407	..	9,609	9,757	22,830	5,44,059	5,11,893	1,41,911	10,91,305
	Grand Total, Regular Plantations, Presidency.	22,123	1,225	340	23,008	50,428	34,516	8,05,251	7,01,208	2,15,137	15,23,590
	B. Taungya.										
Northern Circle.	Upper Gódávari	75	25	..	100	282	106	1,353	466	..	782
	Total, Northern Circle	75	25	..	100	282	106	1,353	466	..	782
Central Circle.	North Arcot	1,436	..	..	1,436	..	411	..	541	..	..
	Trichinopoly	595	..	..	595	..	49	..	..	3,143	..
	Total, Central Circle	2,031	..	..	2,031	..	460	..	541	3,143	..
Southern Circle.	North Malabar	56	..	..	56	..	72	..	10,128	390	2,190
	Tinnevelly	64	..	..	64	..	..	..	..	..	..
	Total, Southern Circle	120	..	..	120	..	72	..	10,128	390	2,190
	Grand Total, Taungya, Presidency.	2,226	25	..	2,251	282	638	1,353	11,135	3,533	2,972
	C. Cultural Operations.										
Northern Circle.	Lower Gódávari	802	242	..	1,044	158	66	860	313	..	..
	Kistna	149	22	2	169	149	380	1,595	2,524	937	1,495
	Guntúr	1	..	..	1	..	..	30	..	..	..
	Kurnool, East	464	85	7	542	440	2,605	2,360	2,726	..	..
	Bellary	153	1,614	153	1,614	..	3,367	..	3,367	15	413
	Anantapur	..	..	..	..	1,012	..	6,709	..	..	274
	Total, Northern Circle	1,569	1,963	162	3,370	1,759	6,418	11,554	8,930	952	2,182

Artificial reproduction, 1906-1907—*cont.*

District.	Area in acres. On 1st July 1906.	Area in acres. Added during the year.	Area in acres. Excluded during the year.	Area in acres. Area on 30th June 1907.	Expenditure during the year. Creation.	Expenditure during the year. Upkeep.	Total expenditure from commencement. Creation.	Total expenditure from commencement. Upkeep.	Revenue during the year.	Total revenue from date of operation of plantation.
1	2	3	4	5	6	7	8	9	10	11
C. Cultural Operations—cont.										
					RS.	RS	RS.	RS.	RS.	RS.
Central Circle. Cuddapah South	31	..	..	31	..	..	..	..	12	..
Nellore	9	65	..	74	314	..	471	..	..	..
Chingleput	1,056	1,216	..	2,272	..	1,174	..	1,294	..	..
North Arcot	996	105	..	1,101	88	68	105	297	..	15
South do.	..	157	..	157	105	..	190	..	..	..
North Salem	..	..	..	..	367	..	714	8	13	15
South do.	58	15	..	73	275	231	1,525	377	6	6
Trichinopoly	92	..	..	92	149	1,151	..	..	1,328	..
Tanjore	1,161	20	5	1,176	32	..	38	..	3,363	..
Total, Central Circle ..	3,403	1,578	5	4,976	1,330	2,624	3,043	1,976	4,722	36
Southern Circle. South Canara	2	..	..	2	120	..	199	..	..	..
North Malabar	139	..	..	139	..	210	..	4,738	..	..
South do.	74	38	..	112	365	180	877	292	..	..
The Nilgiris	488	..	..	488	..	1,320	..	..	..	..
South Coimbatore ..	65	50	..	115	239	..	317	..	..	..
Madura	140	220	..	360	570	..	867	..	..	..
Tinnevelly	58	878	..	936	432	65	522	71	..	..
Total, Southern Circle ..	966	1,186	..	2,152	1,726	1,775	2,782	5,101	..	..
Total, Cultural Operations, Presidency ..	5,938	4,727	167	10,498	4,815	10,817	17,379	16,007	5,674	2,218
Total, Northern Circle, Regular plantations, Taungya plantation and Cultural operations ..	5,370	2,446	243	7,573	28,957	14,661	1,30,453	43,137	25,117	76,640
Total, Central Circle, Regular plantations, Taungya plantation and Cultural operations ..	14,629	1,938	264	16,303	15,085	6,633	1,46,689	1,58,091	56,926	3,58,645
Total, Southern Circle, Regular plantations, Taungya plantation and Cultural operations ..	10,288	1,593	..	11,881	11,483	24,677	5,46,841	5,27,122	1,42,301	10,93,495
Grand Total, Presidency ..	30,287	5,977	507	35,757	55,525	45,971	8,23,983	7,28,350	2,24,344	15,28,780

FORM

Forest Department,

OUTTURN of Timber and Fuel (in cubic feet solid) and of Bamboos

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
NORTHERN CIRCLE.	C. FT.	C. FT.	C. FT.		C. FT.	C. FT.	C. FT.
Ganjám.							
Reserved forests—							
Sal	1,574	68,370	..	..	69,944	..	..
Miscellaneous	1,531	112,587	20	..	114,138	..	..
Total ..	3,105	180,957	20	..	184,082	40,147	407,952
Unreserved lands—							
Sal	478	1,109	..	..	1,587	..	..
Miscellaneous	111	96,225	220	..	96,556	..	..
Total ..	589	97,334	220	..	98,143	500	17,860
Total, Ganjám ..	3,694	278,291	240	..	282,225	40,647	425,812
Vizagapatam.							
Reserved forests—							
Miscellaneous	1,564	39,891	95	..	41,550	* 300,109	64,414
Unreserved lands—							
Miscellaneous	369	26,730	..	..	27,099	..	61,312
Total, Vizagapatam ..	1,933	66,621	95	..	68,649	300,109	125,726
Upper Gódávari.							
Reserved forests—							
Teak (*Tectona grandis*) ..	891	53,870	..	..	54,761	..	..
Vengai (*Pterocarpus marsupium*)	..	42	..	..	42	..	..
Maddi (*Terminalia tomentosa*)	..	1,191	..	..	1,191	..	..
Miscellaneous	..	105	..	..	105	..	..
Total ..	891	55,208	..	..	56,099	..	..
Unreserved lands—							
Teak (*Tectona grandis*) ..	..	7,397	74	..	7,471	..	..
Vengai (*Pterocarpus marsupium*)	49	105	13	..	167	..	..
Maddi (*Terminalia tomentosa*)	226	723	4	..	953	..	..
Miscellaneous	850	6,370	651	..	7,871	..	..
Total ..	1,125	14,595	742	..	16,462	50,842	117,841
Total, Upper Gódávari ..	2,016	69,803	742	..	72,561	50,842	117,841
Lower Gódávari.							
Reserved forests—							
Teak (*Tectona grandis*) ..	1,567	..	..	..	1,567	..	..
Maddi (*Terminalia tomentosa*)	34	..	..	..	34	..	..
Miscellaneous	1,828	31,739	..	..	33,567	..	..
Total ..	3,429	31,739	..	..	35,168	393,099	84,076
Unreserved lands—							
Teak (*Tectona grandis*) ..	794	..	..	..	794	..	..
Maddi (*Terminalia tomentosa*) ..	56	251	..	..	307	..	..
Vengai (*Pterocarpus marsupium*)	122	2,731	..	..	2,853	..	..
Miscellaneous	689	157,258	4,683	..	162,630	..	..
Total ..	1,661	160,240	4,683	..	166,584	10,315	114,295
Total, Lower Gódávari ..	5,090	191,979	4,683	..	201,752	403,414	198,371

* Excludes 11,180 kanchams.

No. 55.

Madras Presidency.

(in number) during the year 1906–1907, and Agency of Exploitation.

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.
9	10	11	12	13	14	15	16	17
C. FT.	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	448,099	632,181	535,998	873,612	200	..	1,409,810
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	18,360	116,503	..	40,335	..	..	40,335
..	..	466,459	748,684	535,998	913,947	200	..	1,450,145
..	..	364,523	406,073	323,248	930,224	350		1,253,822
..	..	61,312	88,411	..	10,020	..	..	10,020
..	..	425,835	494,484	323,248	940,244	350	..	1,263,842
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	56,099	..	1,283,900	3,800	..	1,287,700
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	168,683	185,145	..	85,816	5,800	..	91,616
..	..	168,683	241,244	..	1,369,716	9,600	..	1,379,316
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	477,175	512,343	1,510	806,063	..	..	807,573
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	124,610	291,194	500	4,485,893	..	..	4,486,393
..	..	601,785	803,537	2,010	5,291,956	..	..	5,293,966

Outturn (in cubic feet solid) of Timber and Fuel and of Bamboos

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
NORTHERN CIRCLE—*cont.*	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.
Kistna.							
Reserved forests—Miscellaneous	5,481	8,684	480	..	14,645	337,824	230,690
Unreserved lands—Miscellaneous	569	18,549	4,360	..	23,478	5,260	653,090
Total, Kistna ..	6,050	27,233	4,840	..	38,123	343,084	883,780
Guntur.							
Reserved forest—Miscellaneous	5,144	1,035	..	..	6,179	228,304	10,345
Unreserved lands—Miscellaneous	758	156,926	24,975	..	182,659	27,513	80,405
Total, Guntúr ..	5,902	157,961	24,975	..	188,838	255,817	90,750
Kurnool, East.							
Reserved forests—							
Teak	2,406	..	..	..	2,406	..	..
Vengai	2,607	..	..	..	2,607	..	..
Maddi	1,179	..	..	..	1,179	..	..
Miscellaneous	50,989	..	400	524	51,913	..	..
Total ..	57,181	..	400	524	58,105	* 1,429,340	3,442
Unreserved lands—Miscellaneous	..	20	160	..	180	53,536	9,120
Total, Kurnool East ..	57,181	20	560	524	58,285	1,482,876	12,562
Kurnool, West.							
Reserved forests—							
Teak	3,353	..	..	..	3,353	..	..
Vengai	9,995	..	..	..	9,995	..	..
Maddi	9,437	..	..	..	9,437	..	..
Miscellaneous	44,905	66,460	5,670	787	117,822	..	..
Total ..	67,690	66,460	5,670	787	140,607	652,175	..
Unreserved lands—Miscellaneous	..	560	..	..	560	11,145	89,937
Total, Kurnool West ..	67,690	67,020	5,670	787	141,167	663,320	89,937
Bellary.							
Reserved forests—Miscellaneous	17,004	..	..	..	17,004	1,104,190	48,947
Reserved lands including leased forests—							
Teak	1,707	..	..	..	1,707	..	..
Miscellaneous	1,043	..	..	..	1,043	..	..
Total ..	2,750	..	..	..	2,750	19,400	..
Unreserved lands—Miscellaneous	415	43,393	..	..	43,808	40,900	48,880
Total, Bellary ..	20,169	43,393	..	..	63,562	1,164,490	97,827
Anantapur.							
Reserved forests—Miscellaneous	‡ 71	6,565	..	..	6,636	130,240	21,212
Unreserved lands—Miscellaneous	..	21,317	..	..	21,317	475,414	83,929
Total, Anantapur ..	71	27,882	..	..	27,953	605,654	105,141

* Includes 2,880 cubic feet of charcoal.

‡ Excludes 3,412 pieces of vasalu, tantalu, rafters posts, poles, beams, the cubic contents of which have not been reported by the Collector.

(in number) during the year 1906-1907, and Agency of Exploitation—*cont.*

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.
9	10	11	12	13	14	15	16	17
	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	568,514	583,159	100	411,200	..	..	411,300
..	..	658,350	681,828	..	..	..	..	..
..	..	1,226,864	1,264,987	100	411,200	..	..	411,300
..	..	238,649	244,828	265	..	..	..	265
..	..	107,918	290,577	..	..	..	..	..
..	..	346,567	535,405	265	..	..	..	265
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	103,004	1,535,786	1,593,891	883,651	..	1,000	8,196	† 892,847
..	..	62,656	62,836	..	..	..	..	..
..	103,004	1,598,442	1,656,727	883,651	..	1,000	8,196	892,847
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	154,506	806,681	947,288	2,287,832	..	34,375	12,293	2,334,500
..	..	101,082	101,642	..	..	..	..	..
..	154,506	907,763	1,048,930	2,287,832	..	34,375	12,293	2,334,500
..	..	1,153,137	1,170,141	1,220	2,312	..	..	3,532
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	19,400	22,150	32,770	61,088	..	..	93,858
..	..	89,780	133,588	..	..	..	..	..
..	..	1,262,317	1,325,879	33,990	63,400	..	..	97,390
..	..	151,452	158,088	176,777	..	..	..	176,777
..	..	559,343	580,660	..	..	..	..	..
..	..	710,795	738,748	176,777	..	..	..	176,777

† Incorrectly shown in the Collector's return as 892,247.

Outturn (in cubic feet solid) of Timber and Fuel and of Bamboos

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
CENTRAL CIRCLE.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.
North Cuddapah.							
Reserved forests—Miscellaneous	5,320	51,232	2,001	..	58,553	351,108	64,128
East Cuddapah.							
Reserved forests—Miscellaneous	12,757	14,333	1,471	..	28,561	196,589	92,787
South Cuddapah.							
Reserved forests—Miscellaneous	* 788	15,986	820	..	17,594	23,351	73,493
Unreserved lands—Miscellaneous	..	14,206	1,202	..	15,408	..	37,899
Total, South Cuddapah ..	788	30,192	2,022	..	33,002	23,351	111,392
Nellore.							
Reserved forests—Miscellaneous	17,924	5,071	..	..	22,995	739,975	391,862
Unreserved lands—Miscellaneous	..	46,640	7,200	..	53,840	..	25,245
Total, Nellore ..	17,924	51,711	7,200	..	76,835	739,975	417,107
Chingleput.							
Reserved forests—Miscellaneous	12	180	..	..	192	126,562	9,248
Unreserved lands—Miscellaneous	1,195	19,446	920	..	21,561	6,722	41,868
Total, Chingleput ..	1,207	19,626	920	..	21,753	133,284	51,116
North Arcot.							
Reserved forests—Red Sanders (*Pterocarpus santalinus*)	1,449	..	..	..	1,449	..	..
Sandalwood	1,966	..	..	..	1,966	..	..
Miscellaneous	† 3,454	4,186	1,255	..	8,895	..	..
Total ..	6,869	4,186	1,255	..	12,310	1,378,122	125,970
Unreserved lands—Miscellaneous	..	93,602	1,800	..	95,402	..	589,084
Total, North Arcot ..	6,869	97,788	3,055	..	107,712	1,378,122	715,054
South Arcot.							
Reserved forests—Sandalwood	12	..	..	..	12	..	..
Miscellaneous	4,969	..	..	..	4,969	88,759	413,732
Total ..	4,981	..	..	..	4,981	88,759	413,732
Unreserved lands—Miscellaneous	148	98,668	3,229	..	102,045	174	186,767
Total, South Arcot ..	5,129	98,668	3,229	..	107,026	88,933	600,499
Salem, North.							
Reserved forests—Sandalwood	1,303	..	..	..	1,303	..	..
Miscellaneous	12,529	..	1,290	..	13,819	..	..
Total ..	13,832	..	1,290	..	15,122	214,314	1,132

* Excludes 8 pieces of timber the cubic contents of which the Collector have not reported.

† Includes 3,410 cubic feet of agricultural implements.

(in number) during the year 1906-1907, and Agency of Exploitation—*cont.*

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.
9	10	11	12	13	14	15	16	17
C. FT.	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	415,236	473,789	28,993	337,565	31,080	..	397,638
..	..	289,376	317,937	9,400	677,640	3,970	..	691,010
..	..	96,844	114,438	20,280	92,470	3,800	..	116,550
..	..	37,899	53,307	..	..	..	..	..
..	..	134,743	167,745	20,280	92,470	3,800	..	116,550
..	..	1,131,837	1,154,832	..	323	..	..	323
..	..	25,245	79,085	..	..	..	..	..
..	..	1,157,082	1,233,917	..	323	..	..	323
..	..	135,810	136,002	..	..	..	..	..
..	..	48,590	70,151	..	470	..	..	470
..	..	184,400	206,153	..	470	..	..	470
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	1,504,092	1,516,402	20,620	5,518,166	420	..	5,539,206
..	..	589,084	684,486	..	..	800	..	800
..	..	2,093,176	2,200,888	20,620	5,518,166	1,220	..	5,540,006
..	..	..	12	..	..	..	..	..
200	..	502,691	507,660	1,942	10,909,111	..	..	10,911,053
200	..	502,691	507,672	1,942	10,909,111	..	..	10,911,053
..	..	186,941	288,986	..	313	..	..	313
200	..	689,632	796,658	1,942	10,909,424	..	..	10,911,366
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	215,446	230,568	366,888	2,997,575	21,750	..	3,386,213

Outturn (in cubic feet solid) of Timber and Fuel and of Bamboos

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.
CENTRAL CIRCLE—*cont.*							
Salem, North—cont.							
Unreserved lands—							
Sandalwood	50	..	..	..	50	..	..
Miscellaneous	3,029	110,793	2,119	..	115,941	..	..
Total ..	3,079	110,793	2,119	..	115,991	30,549	74,942
Total, Salem, North ..	16,911	110,793	3,409	..	131,113	244,863	76,074
Salem, South.							
Reserved forest—							
Vengai	290	..	..	..	290	..	..
Sandalwood	176	..	..	..	176	..	..
Miscellaneous	9,600	..	1,125	..	10,725	..	..
Total ..	10,066	..	1,125	..	11,191	246,990	99,601
Unreserved lands—							
Sandalwood	59	..	..	..	59	..	..
Miscellaneous	3,785	92,723	60	..	96,568	..	..
Total ..	3,844	92,723	60	..	96,627	19,220	206,101
Total, Salem, South ..	13,910	92,723	1,185	..	107,818	266,210	305,702
Trichinopoly.							
Reserved forests—							
Miscellaneous	1,791	19,140	1,264	..	22,195	326,122	191,057
Unreserved lands—							
Miscellaneous	..	2,458	6,163	..	8,621	193,062	1,008,022
Total, Trichinopoly ..	1,791	21,598	7,427	..	30,816	519,184	1,199,079
Tanjore.							
Reserved forests—							
Miscellaneous	..	15,160	..	..	15,160	68,392	178,190
Unreserved lands—							
Miscellaneous	..	80	..	..	80	17,796	170,321
Total, Tanjore ..	..	15,240	..	..	15,240	86,188	348,511
SOUTHERN CIRCLE.							
Canara, South.							
Reserved forests—							
Teak (*Tectona grandis*) ..	48	1	..	..	49	..	..
Rosewood (*Dalbergia latifolia*)	86	5	..	..	91	..	..
Vengai (*Pterocarpus marsupium*)	157	..	..	..	157	..	..
Ironwood (*Xylia dolabriformis*)	164	3	..	..	167	..	..
Kiralbhogi (*Hopea parviflora*).	71	25	..	..	96	..	..
Maddi (*Terminalia tomentosa*) ..	2,547	1,675	..	..	4,222	..	..
Miscellaneous	22,454	1,175	..	..	23,629	..	..
Total ..	25,527	2,884	..	..	28,411	237,569	180,038
Reserved lands—							
Teak	26	77	..	..	103	..	..
Rosewood	..	75	..	..	75	..	..
Ironwood	72	94	..	..	166	..	..
Kiralbhogi	309	25	..	..	334	..	..
Maddi	345	1,825	..	..	2,170	..	..
Miscellaneous	22	752	..	..	774	..	..
Total ..	774	2,848	..	..	3,622	..	..

(in number) during the year 1906-1907, and Agency of Exploitation—*cont.*

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.
9	10	11	12	13	14	15	16	17
C. FT.	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	105,491	221,482	6,589	299,525	5,525	..	311,639
..	..	320,937	452,050	373,477	3,297,100	27,275	..	3,697,852
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	346,591	357,782	713,773	2,830,883	16,800	..	3,561,456
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	225,321	321,948	38,842	72,205	..	..	111,047
..	..	571,912	679,730	752,615	2,903,088	16,800	..	3,672,503
..	..	517,179	539,374	70,840	36,144	606	..	107,590
..	..	1,201,084	1,209,705	..	4,038	132	..	4,170
..	..	1,718,263	1,749,079	70,840	40,182	738	..	111,760
..	..	246,582	261,742	..	..	..	..	..
..	..	188,117	188,197	..	1,635	..	..	1,635
..	..	434,699	449,939	..	1,635	..	..	1,635
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	417,607	446,018	8,708	35,000	..	..	43,708
..	..							
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	3,622	..	1,225	..	..	1,225

Outturn (in cubic feet solid) of Timber and Fuel and of Bamboos

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
SOUTHERN CIRCLE—*cont.*	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.
Canara, South—cont.							
Unreserved lands—							
Teak	..	7,831	250	2,850	10,931	..	..
Rosewood	..	381	..	525	906	..	..
Vengai	..	125	..	275	400	..	..
Ironwood	9	309	.	925	1,243	..	..
Kiralbhogi	..	4,474	1,350	60,250	66,074	..	..
Maddi	30	1,550	450	..	2,030	..	..
Miscellaneous	238	15,280	850	24,425	40,793	..	..
Total ..	277	29,950	2,900	89,250	122,377	..	733,769
Total, South Canara ..	26,578	* 35,682	2,900	89,250	154,410	237,569	* 913,807
Malabar, North.							
Reserved forest—							
Teak	9,296	147	..	..	9,443	..	..
Rosewood	1,885	..	..	..	1,885	..	..
Vengai	1,010	..	..	..	1,010	..	..
Venteak (*Lagerstrœmia parviflora*).	210	..	..	..	210	..	..
Maddi	2,276	..	..	..	2,276	..	..
Ironwood	1,012	..	..	..	1,012	..	..
Miscellaneous	494	..	..	..	494	9,004	1,555
† Unreserved lands	..	..	..	..	..	..	..
Total, North Malabar ..	16,183	147	..	..	16,330	9,004	1,555
Malabar, South.							
Reserved forests—							
Teak	14,543	8,416	..	..	22,959	..	..
Rosewood	421	455	..	..	876	..	..
Ironwood	283	130	..	..	413	..	..
Maddi	116	546	..	..	662	..	..
Kiralbhogi	19	19	..	..	38	..	..
Miscellaneous	8,020	13,114	..	..	21,134	..	..
Total ..	23,402	22,680	..	..	46,082	28	..
Reserved lands—							
Teak	60,545	171	..	..	60,716	..	..
Ironwood	14,940	..	..	..	14,940	..	..
Maddi	5,177	..	..	..	5,177	..	..
Miscellaneous	2,913	..	..	..	2,913	..	..
Total ..	83,575	171	..	..	83,746	3,756	..
Unreserved lands—							
Rosewood	11	..	..	..	11	..	..
Ironwood	298	..	..	..	298	..	..
Miscellaneous	163	26	..	..	189	..	..
Total ..	472	26	..	..	498	..	..
Total, South Malabar ..	107,449	22,877	..	..	130,326	3,784	..
Nilgiris, The.							
Reserved forests—							
Sandalwood	364	..	..	..	364	..	..
Teak	3,990	933	..	..	4,923	..	..
Vengai	5,738	195	..	..	5,933	..	..
Venteak	4,306	22	..	..	4,328	..	..
Rosewood	2,295	..	..	..	2,295	..	..
Miscellaneous	5,420	990	..	380	6,790	..	..
Total ..	22,113	2,140	..	380	24,633	362,562	11,148
Reserved lands	..	..	..	..	..	..	..
Unreserved lands	..	..	..	..	..	..	..
Total, Nilgiris, The ..	22,113	2,140	..	380	24,633	362,562	11,148

* Includes confiscated and waif produce.
† The Tahsildar of Wynaad realised Rs. 762 by sale of trees on lands

(in number) during the year 1906–1907, and Agency of Exploitation—*cont.*

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.
9	10	11	12	13	14	15	16	17
C. FT.	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	733,769	856,146	..	39,153	..	..	39,153
..	..	1,151,376	* 1,305,786	8,708	* 75,378	..	..	84,086
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	10,559	26,889	4,335	12,312	..	..	16,647
..	..	..	..	..	..	..	..	..
..	..	10,559	26,889	4,335	12,312	..	..	16,647
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	28	46,110	2,208	19,000	..	..	21,208
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	3,756	87,502	47,968	4,400	..	..	52,368
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	498	..	..	..	..	..
..	..	3,784	134,110	50,176	23,400	..	..	73,576
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
3,600	..	377,310	401,943	..	106,253	..	..	106,253
..	..	..	..	..	..	1,870	..	1,870
..	38	38	38	..	..	..	1,225	1,225
3,600	38	377,348	401,981	..	106,253	1,870	1,225	109,348

applied for on darkhast. The volume of the wood is not known.

Outturn (in cubic feet solid) of Timber and Fuel and of Bamboos

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
SOUTHERN CIRCLE—*cont.*	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.
Coimbatore, North.							
Reserved forests—							
Sandalwood	3,511	..	..	..	3,511	..	..
Teak	281	..	..	..	281	..	..
Rosewood	16,160	..	..	..	16,160	..	..
Vengai	378	..	..	..	378	..	..
Miscellaneous	1,956	128,886	24	..	130,866	..	..
Total ..	* 22,286	128,886	24	..	151,196	369,490	150,387
Unreserved lands—							
Miscellaneous	..	† 440	..	..	440	..	..
Total, Coimbatore; North ..	22,286	129,326	24	..	151,636	369,490	150,387
Coimbatore, South.							
Reserved forests—							
Teak	54,208	..	..	..	54,208	..	..
Rosewood	492	..	..	..	492	..	..
Ironwood	270	..	..	..	270	..	..
Maddi	10,280	..	..	..	10,280	..	..
Vengai	5,872	..	..	..	5,872	..	..
Miscellaneous	31,305	4,145	..	..	35,450	..	..
Total ..	102,427	4,145	..	..	106,572	915,355	104,097
Unreserved lands—							
Miscellaneous	..	3,280	§ 720	..	4,000	..	13,313
Total, Coimbatore, South ..	102,427	7,425	720	..	110,572	915,355	117,410
Madura.							
Reserved forests –							
Teak	115	..	..	..	115	..	..
Vengai	22	..	..	..	22	..	..
Rosewood	85	..	..	..	85	..	..
Miscellaneous	165	4,088	..	..	4,253	..	..
Total ..	387	4,088	..	..	4,475	1,265,671	368,210
Unreserved lands—							
Miscellaneous	1,376	57,443	..	..	58,819	..	218,138
Total, Madura ..	1,763	61,531	..	..	63,294	1,265,671	586,348
Tinnevelly.							
Reserved forests—							
Teak	2,143	..	..	..	2,143	..	..
Miscellaneous	2,285	45,882	4,913	..	53,080	..	..
Total ..	4,428	45,882	4,913	..	55,223	39,315	554,464
Unreserved lands—							
Miscellaneous	..	1,050	320	..	1,370	3,670	131,390
Total, Tinnevelly ..	4,428	46,932	5,233	..	56,593	42,985	685,854

ABS

NORTHERN CIRCLE.							
Reserved forests—							
Sâl (*Shorea robusta*)	1.574	68,370	..	..	69,944	..	..
Teak (*Tectona grandis*)	8,217	53,870	..	..	62,087	..	..
Vengai (*Pterocarpus marsupium*)	12,602	42	..	..	12,644	..	..
Maddi (*Terminalia tomentosa*) ..	10,650	1,191	..	..	11,841	..	..
Miscellaneous	128,517	267,066	6,665	1,311	403,559	..	..
Total ..	161,560	390,539	6,665	1,311	560,075	4,615,428	871,078

* Excludes 985 ploughs, yokes, axles, etc., the cubical contents of which has not been reported.
†. Excludes 461 palmyra trees, the cubical contents of which is not known.
§ Includes 200 cubic feet of firewood granted to a famine kitchen, but wrongly classed as timber.

(in number) during the year 1906–1907, and Agency of Exploitation—*cont.*

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.
9	10	11	12	13	14	15	16	17
C. FT.	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	519,877	671,073	364,404	111,678	..	..	476,082
..	..	..	440	..	..	..	..	..
..	..	519,877	671,513	364,404	111,678	..	..	476,082
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	1,019,452	1,126,024	‡ ..	‡ ..	..	..	‡ ..
..	..	13,313	17,313	..	..	..	..	..
.	..	1,032,765	1,143,337	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	1,633,881	1,638,356	..	78,402	..	..	78,402
..	..	218,138	276,957	..	..	..	..	..
..	..	1,852,019	1,915,313	..	78,402	..	..	78,402
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	593,779	649,002	30	‖ 1,600	..	..	1,630
4,485	..	139,545	140,915	..	950	..	..	950
4,485	..	733,324	789,917	30	2,550	..	..	2,580

TRACT.

..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	257,510	5,744,016	6,304,091	4,210,601	4,307,311	39,725	20,489	8,578,126

‡ 800,240 cubic feet of bamboos (2,640 cubic feet Government and 798,000 cubic feet purchasers) have been excluded as the number of bamboos has not been reported.

‖ Excludes 112 tons and 224 lbs. of Ithacully.

Outturn (in cubic feet solid) of Timber and Fuel and of Bamboos

ABS

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
NORTHERN CIRCLE—*cont.*	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.
Reserved lands—							
Teak (*Tectona grandis*) ..	1,707	..	..	..	1,707	..	..
Miscellaneous	1,043	..	..	..	1,043	..	..
Total ..	2,750	..	..	..	2,750	19,400	..
Unreserved lands—							
Sâl (*Shorea robusta*)	478	1,109	..	..	1,587	..	..
Teak (*Tectona grandis*) ..	794	7,397	74	..	8,265	..	..
Vengai (*Pterocarpus marsupium*)	171	2,836	13	..	3,020	..	..
Maddi (*Terminalia tomentosa*) ..	282	974	4	..	1,260	..	..
Miscellaneous	3,761	527,348	35,049	..	566,158	..	..
Total ..	5,486	539,664	35,140	..	580,290	675,425	1,276,669
Reserved forests, Reserved lands and Unreserved lands—							
Sâl	2,052	69,479	..	..	71,531	..	..
Teak	10,718	61,267	74	..	72,059	..	..
Vengai	12,773	2,878	13	..	15,664	..	..
Maddi	10,932	2,165	4	..	13,101	..	..
Miscellaneous	133,321	794,414	41,714	1,311	970,760	..	..
Grand Total, Northern Circle ..	169,796	930,203	41,805	1,311	1,143,115	5,310,253	2,147,747
CENTRAL CIRCLE.							
Reserved forests—							
Sandalwood	3,457	..	..	..	3,457	..	..
Red Sanders	1,449	..	..	..	1,449	..	..
Vengai	290	..	..	..	290	..	..
Miscellaneous	69,144	125,288	9,226	..	203,658	..	..
Total ..	74,340	125,288	9,226	..	208,854	3,760,284	1,641,200
Unreserved lands—							
Sandalwood	109	..	..	..	109	..	..
Miscellaneous	8,157	478,616	22,693	..	509,466	..	..
Total ..	8,266	478,616	22,693	..	509,575	267,523	2,340,249
Reserved forests and unreserved lands—							
Sandalwood	3,566	..	..	..	3,566	..	..
Red Sanders	1,449	..	..	..	1,449	..	..
Vengai	290	..	..	..	290	..	..
Miscellaneous	77,301	603,904	31,919	..	713,124	..	..
Grand Total, Central Circle ..	82,606	603,904	31,919	..	718,429	4,027,807	3,981,449
SOUTHERN CIRCLE.							
Reserved forests—							
Sandalwood	3,875	..	..	..	3,875	..	..
Teak	84,624	9,497	..	..	94,121	..	..
Rosewood	21,424	460	..	..	21,884	..	..
Ironwood	1,729	133	..	..	1,862	..	..
Vengai	13,177	195	..	..	13,372	..	..
Kiralbhogi	90	44	..	..	134	..	..
Maddi	15,219	2,221	..	..	17,440	..	..
Venteak	4,516	22	..	..	4,538	..	..
Miscellaneous	72,099	198,280	4,937	380	275,696	..	..
Total ..	216,753	210,852	4,937	380	432,922	3,198,994	1,369,899
Reserved lands—							
Teak	60,571	248	..	..	60,819	..	..
Rosewood	..	75	..	..	75	..	..
Ironwood	15,012	94	..	..	15,106	..	..
Kiralbhogi	309	25	..	..	334	..	..
Maddi	5,522	1,825	..	..	7,347	..	..
Miscellaneous	2,935	752	..	..	3,687	..	..
Total ..	84,349	3,019	..	..	87,368	3,756	..

(in number) during the year 1906-1907, and Agency of Exploitation—*cont.*

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right holders.	Total.
9	10	11	12	13	14	15	16	17
TRACT—*cont.*								
C. FT.	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	19,400	22,150	32,770	61,088	..	..	93,858
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	1,952,094	2,532,384	500	4,622,064	5,800	..	4,628,364
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	257,510	7,715,510	8,858,625	4,243,871	8,990,463	45,525	20,489	13,300,348
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
200	..	5,401,684	5,610,538	1,232,736	23,399,877	78,426	..	24,711,039
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	2,607,772	3,117,347	45,431	378,186	6,457	..	430,074
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
200	..	8,009,456	8,727,885	1,278,167	23,778,063	84,883	..	25,141,113
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
3,600	..	4,572,493	5,005,415	379,685	364,245	..	..	743,930
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	3,756	91,124	47,968	5,625	1,870	..	55,463

Outturn (in cubic feet solid) of Timber and Fuel and of Bamboos

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
							ABS
SOUTHERN CIRCLE—*cont.*	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.
Unreserved lands—							
Teak	..	7,831	250	2,850	10,931	..	..
Rosewood	11	381	..	525	917	..	..
Ironwood	307	309	..	925	1,541	..	..
Vengai	..	125	..	275	400	..	..
Kiralbhogi	..	4,474	1,350	60,250	66,074	..	..
Maddi	30	1,550	450	..	2,030	..	..
Miscellaneous	1,777	77,519	1,890	24,425	105,611	..	..
Total ..	2,125	92,189	3,940	89,250	187,504	3,670	1,096,610
Reserved forests, reserved lands and unreserved lands—							
Sandalwood	3,875	..	..	..	3,875	..	..
Teak	145,195	17,576	250	2,850	165,871	..	..
Rosewood	21,435	916	..	525	22,876	..	..
Ironwood	17,048	536	..	925	18,509	..	..
Vengai	13,177	320	..	275	13,772	..	..
Kiralbhogi	399	4,543	1,350	60,250	66,542	..	..
Maddi	20,771	5,596	450	..	26,817	..	..
Venteak	4,516	22	..	..	4,538	..	..
Miscellaneous	76,811	276,551	6,827	24,805	384,994	..	..
Grand Total, Southern Circle ..	303,227	306,060	8,877	89,630	707,794	3,206,420	2,466,509
							PRESIDENCY
Reserved forests—							
Sandalwood (*Santalum album*) ..	7,332	..	..	..	7,332	..	..
Sâl (*Shorea robusta*)	1,574	68,370	..	..	69,944	..	..
Teak (*Tectona grandis*)	92,841	63,367	..	..	156,208	..	..
Red sanders (*Pterocarpus santalinus*)	1,449	..	..	..	1,449	..	..
Rosewood or blackwood (*Dalbergia latifolia*)	21,424	460	..	..	21,884	..	..
Ironwood (*Xylia dolabriformis*)	1,729	133	..	..	1,862	..	..
Vengai (*Pterocarpus marsupium*)	26,069	237	..	..	26,306	..	..
Venteak (*Lagerstrœmia microcarpa*)	4,516	22	..	..	4,538	..	..
Kiralbhogi (*Hopea parviflora*) ..	90	44	..	..	134	..	..
Maddi (*Terminalia tomentosa*) ..	25,869	3,412	..	..	29,281	..	..
Miscellaneous	269,760	590,634	20,828	1,691	882,913	..	..
Total, Reserved forests ..	452,653	726,679	20,828	1,691	1,201,851	11,574,706	3,882,177
Reserved lands—							
Teak	62,278	248	..	..	62,526	..	..
Rosewood	..	75	..	..	75	..	..
Ironwood	15,012	94	..	..	15,106	..	..
Kiralbhogi	309	25	..	..	334	..	..
Maddi	5,522	1,825	..	..	7,347	..	..
Miscellaneous	3,978	752	..	..	4,730	..	..
Total, Reserved lands ..	87,099	3,019	..	..	90,118	23,156	..
Unreserved lands—							
Sandalwood	109	..	..	..	109	..	..
Sâl	478	1,109	..	.	1,587	..	..
Teak	794	15,228	324	2,850	19,196	..	..
Rosewood	11	381	..	525	917	..	..
Ironwood	307	309	..	925	1,541	..	..
Vengai	171	2,961	13	275	3,420	..	..
Kiralbhogi	..	4,474	1,350	60,250	66,074	..	..
Maddi	312	2,524	454	..	3,290	..	..
Miscellaneous	13,695	1,083,483	59,632	24,425	1,181,235	..	..
Total, Unreserved lands ..	15,877	1,110,469	61,773	89,250	1,277,369	946,618	4,713,528

(in number) during the year 1906-1907, and Agency of Exploitation—*cont.*

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.
9	10	11	12	13	14	15	16	17
TRACT—*cont.*								
C. FT.	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
4,485	38	1,104,803	1,292,307	...	40,103	..	1,225	41,328
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
8,085	38	5,681,052	6,388,846	427,653	409,973	1,870	1,225	840,721
ABSTRACT.								
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
3,800	257,510	15,718,193	16,920,944	5,823,022	28,071,433	118,151	20,489	34,033,095
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	23,156	113,274	80,738	66,713	1,870	..	149,321
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
4,485	38	5,664,669	6,942,038	45,931	5,040,363	12,257	1,225	5,099,766

Outturn (in cubic feet solid) of Timber and Fuel and of Bamboos.

District.	Timber.						
	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.	Government.	Purchasers.
1	2	3	4	5	6	7	8
PRESIDENCY							
Reserved forests, reserved lands and unreserved lands—	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.	C. FT.
Sandalwood	7,441	..	..	..	7,441	..	..
Sâl	2,052	69,479	..	..	71,531	..	..
Teak	155,913	78,843	324	2,850	237,930	..	..
Red sanders	1,449	..	..	..	1,449	..	..
Rosewood	21,435	916	..	525	22,876	..	..
Ironwood	17,048	536	..	925	18,509	..	..
Vengai	26,240	3,198	13	275	29,726	..	..
Venteak	4,516	22	..	..	4,538	..	..
Kiralbhogi	399	4,543	1,350	60,250	66,542	..	..
Maddi	31,703	7,761	454	..	39,918	..	..
Miscellaneous	287,433	1,674,869	80,460	26,116	2,068,878	..	..
Grand Total ..	555,629	1,840,167	82,601	90,941	2,569,338	12,544,480	8,595,705
Grand Total, Presidency 1905–1906.	536,208	1,785,532	95,877	97,715	2,515,332	10,429,234	9,309,215

(in number) during the year 1906-1907, and Agency of Exploitation—*cont.*

Fuel.			Total.	Bamboos.				
Free-grantees.	Right-holders.	Total.	Outturn.	Government.	Purchasers.	Free-grantees.	Right-holders.	Total.
9	10	11	12	13	14	15	16	17
ABSTRACT—*cont.*								
C. FT.	C. FT.	C. FT.	C. FT.	NO.	NO.	NO.	NO.	NO.
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..
8,285	257,548	21,606,018	23,975,356	5,949,691	33,178,499	132,278	21,714	39,282,182
3,406	257,561	19,999,416	22,514,748	2,574,515	29,208,397	249,024	22,089	32,054,025

Annual Form No. 56.

Forest Department, Madras Presidency.

Outturn of Minor Forest Produce during the year 1906–1907.

Circle.	Description of produce.	Produce removed or utilized. By Government Agency. Quantity in maunds of 25 lbs.	By Government Agency. Value.	By purchasers. Value.	By free grants. Value.	By right-holders. Value.	Total Value.
1	2	3	4	5	6	7	8
		MDS.	RS.	RS.	RS.	RS.	RS.
Northern Circle.	Grazing and fodder grass ..	25,695	3,190	2,51,045	91	1,309	2,55,635
	Grass (thatch, korai, tharbi, etc.).	45	17	796	6	..	819
	Tamarind, soapnuts, gallnuts, nux-vomica, sheakoy, etc.	2,431	1,391	65,337	..	38,450	1,05,178
	Horns, honey, wax, resin, gum, skins, etc.	222	809	4,784	..	..	5,593
	Tangedu, vembadam, etc., barks and fibres.	..	..	1,19,786	..	..	1,19,786
	Plumbago, stone, gravel, earth, etc.	..	..	9,893	67	..	9,960
	Leaves for platters	..	..	700	..	..	700
	Manure leaves, thorns, etc. ..	..	36	814	151	..	1,001
	Date and palmyra leaves, stalks, etc.	..	21	2,626	9	..	2,656
	Miscellaneous (including tree-owner's fees).	80,660	17,731	1,05,059	16	500	1,23,306
	Total ..	109,053	23,195	5,60,840	340	40,259	6,24,634
Central Circle.	Grazing and fodder grass ..	7,287	2,338	3,13,327	36	..	3,15,701
	Grass (thatch, korai, etc.) ..	..	..	36	..	..	36
	Tamarind, soapnuts, gallnuts, etc.	6,125	2,427	10,158	..	..	12,585
	Horns, honey, wax, gum, resins, etc.	330	2,073	795	..	..	2,868
	Tangedu, vembadam, etc., barks and fibres.	..	..	64,213	..	..	64,213
	Mica, stone, gravel, earth, etc.	1,720	1	57,273	..	..	57,274
	Manure leaves, thorns, etc. ..	..	..	14,995	..	..	14,995
	Date and palmyra leaves, stalks, etc.	..	18	1,429	155	..	1,602
	Miscellaneous	10,537	4,382	1,64,736	..	..	1,69,118
	Total ..	25,999	11,239	6,26,962	191	..	6,38,392
Southern Circle.	Grass and grazing	7,923	2,560	1,22,880	..	..	1,25,440
	Grass (thatch, korai, etc.) ..	323	40	3,316	..	26	3,382
	Catechu	1,489	12,576	..	..	..	12,576
	Dammer, turmeric, pepper, cardamoms, etc.	19	100	7,530	..	..	7,630
	Tamarind, soapnuts, gallnuts, nux-vomica, sheakoy, etc.	8,446	8,605	3,953	..	54	12,612
	Horns, honey, wax, resins, gum, skins, etc.	637	4,865	787	..	..	5,652
	Tangedu, vembadam, etc., barks and fibres.	..	..	5,129	..	..	5,129
	Stone, gravel, earth, etc. ..	..	..	15,588	103	..	15,691
	Manure leaves, thorns, etc. ..	..	..	13,030	..	..	13,030
	Date and palmyra leaves ..	8	3	321	112	..	436
	Miscellaneous	376	794	53,994	..	1,214	56,002
	Total ..	19,221	29,543	2,26,528	215	1,294	2,57,580
Presidency total.	Grazing and fodder grass ..	40,905	8,088	6,87,252	127	1,309	6,96,776
	Grass (thatch, korai, etc.) ..	368	57	4,148	6	26	4,237
	Catechu	1,489	12,576	..	..	..	12,576
	Tamarind, soapnuts, gallnuts, nux-vomica, sheakoy, etc.	17,002	12,423	79,448	..	38,504	1,30,375
	Pepper, cardamoms, dammer, turmeric, etc.	19	100	7,530	..	..	7,630
	Horns, honey, wax, resins, gums, skins, etc.	1,189	7,747	6,366	..	..	14,113
	Tangedu, vembadam, etc., barks and fibres.	..	..	1,89,128	..	..	1,89,128
	Plumbago, mica, stone, gravel, earth, etc.	1,720	1	82,754	170	..	82,925
	Leaves for platters	..	..	700	..	..	700
	Manure leaves, thorns, etc. ..	..	36	28,839	151	..	29,026
	Date and palmyra leaves ..	8	42	4,376	276		4,694
	Miscellaneous	91,573	22,907	3,23,789	16	1,714	3,48,426
	Grand Total ..	154,273	63,977	14,14,330	746	41,553	15,20,606

Annual Form No. 57.

Forest Department, Madras Presidency.

Account of Timber and other produce cut or collected by Government Agency and brought to depots, sold locally or otherwise disposed of during 1906–1907.

Name of district.	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
1	2	3	4	5	6
TIMBER (cubic feet).					
Northern Circle.					
Ganjám	5,537	3,694	9,231	6,903	2,328
Vizagapatam	930	1,933	2,863	2,118	745
Upper Gódávari	(a) 3,129	2,016	5,145	(b) 2,373	2,772
Lower do.	676	5,090	5,766	(b) 5,449 3	314
Kistna	180	6,050	6,230	5,965	265
Guntúr	5,167	5,902	11,069	5,513	5,556
East Kurnool	10,707	57,181	67,888	(c) 28,371	39,517
West do.	10,489	67,690	78,179	36,769	41,410
Bellary	10,078	20,169	30,247	25,275	4,972
Anantapur	(d) 501	71	572	40	532
Total	47,394	169,796	217,190	118,779	98,411
Central Circle.					
North Cuddapah	(e) 4,714	5,320	10,034	5,409	4,625
East do.	(e) 21,858	12,757	34,615	14,350	20,265
South do.	(e) ..	(f) 788	788	399	389
Nellore	19	17,924	17,943	4,480 (g) 268	13,195
Chingleput	..	1,207	1,207	435	772
North Arcot	474	6,869	7,343	6,067 (b) 21	1,255
South do.	76	5,129	5,205	981 (b) 167	4,057
North Salem	12,749	16,911	29,660	20,990	8,670
South do.	1,774	13,910	15,684	13,427	2,257
Trichinopoly	..	1,791	1,791	489	1,302
Tanjore	..	..	..	..	..
Total	41,664	82,606	124,270	67,483	56,787
Southern Circle.					
South Canara	50,851	26,578	77,429	16,748 (b) 775 (g) 12,228	47,678
North Malabar	200,422	16,183	216,605	51,168	165,437
South do.	156,123	107,449	263,572	163,725 (b) 4,532 (h) 285 (g) 1,186	93,844
The Nilgiris	11,768	22,113	33,881	16,748	17,133
North Coimbatore	13,379	(i) 22,286	(i) 35,665	26,475	(i) 9,190
South do.	120,850	102,427	223,277	101,374 (j) 3,697	118,206
Madura	547	1,763	2,310	1,691	619
Tinnevelly	(k) 8,573	4,428	13,001	9,715	3,286
Total	562,513	303,227	865,740	410,347	455,393
Grand Total	651,571	555,629	1,207,200	596,609	610,591
FUEL (cubic feet).					
Northern Circle.					
Ganjám	968	40,647	41,615	20,915	20,700
Vizagapatam	26,130	(l) 300,109	326,239	243,977	82,262
Upper Gódávari	1,431	50,842	52,273	(b) 1,026 (g) 675 36,181	14,391
Lower do.	150,913	403,414	554,327	473,240	81,087
Kistna	50,871	343,084	393,955	325,281	68,674
Guntúr	172,320	255,817	428,137	285,427	142,710
East Kurnool	450,626	1,482,876	1,933,502	(m) 1,475,944	457,558
West do.	(n) 688,497	663,320	1,351,817	611,961	739,856
Bellary	874,759	1,164,490	2,039,249	1,870,860	168,389
Anantapur	(o) 223,633	605,654	829,287	587,752	241,535
Total	2,640,148	5,310,253	7,950,401	5,933,239	2,017,162

(a) Includes 807 cubic feet of timber not shown in last year's returns. (b) Used departmentally.
(c) Includes 1,293 cubic feet used departmentally.
(d) Excludes 1,105 pieces of agricultural implements; 3,412 pieces were received during the year and 3,324 pieces disposed of.
(e) Collector's figures. The total of the opening balances of the three Cuddapah divisions does not agree with the last year's closing balance for the whole district of Cuddapah. (f) Excludes 8 pieces of timber.
(g) Written off. (h) Handed over to the accused under orders of the Appellate Court.
(i) Excludes 985 pieces of agricultural implements. (j) Wastage.
(k) Last year's closing balance was 7,215 cubic feet. The Collector has not explained the difference of 1,358 cubic feet.
(l) Excludes 11,180 kanchams of charcoal received and disposed of during the year.
(m) Includes 38,138 cubic feet written off.
(n) Last year's closing balance was 693,733. The Collector has not explained the difference.
(o) The Collector's figure is 223,622.

Account of Timber and other produce cut or collected by Government Agency and brought to depots, sold locally or otherwise disposed of during 1906–1907—*cont.*

Name of district.	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
1	2	3	4	5	6
		FUEL (CUBIC FEET)—*cont.*			
Central Circle.					
North Cuddapah	(a) 200	(b) 351,108	351,308	2,302	349,006
East Do.	(a) ..	196,589	196,589	120,417	76,172
South Do.	(a) 8,290	23,351	31,641	10,886 (c) 1,893	18,862
Nellore	169,314	739,975	909,319	692,183 (c) 2,632	214,504
Chingleput	11,053	133,284	144,337	117,301	27,036
North Arcot	178,677	1,378,122	1,556,799	1,270,561	286,238
South do.	17,480	88,933	106,413	77,626 (d) 12,095	16,692
North Salem	62,440	244,863	307,303	227,897	79,406
South do.	179,434	266,210	445,644	294,179	151,465
Trichinopoly	73,490	519,184	592,674	439,226 (c) 24,924	128,524
Tanjore	17,118	86,188 (e) 39,441	142,747	135,240	7,507
Total ..	717,526	4,067,248	4,784,774	3,429,362	1,355,412
Southern Circle.					
South Canara	332,339	237,569	569,908	260,823 (c) 4,200 (d) 10	304,875
North Malabar	10,301	9,004	19,305	6,571	12,734
South do.	581	3,784	4,365	4,359 (d) 4	2
The Nilgiris	350,261	362,562	712,823	496,213	216,610
North Coimbatore	45,638	369,490	415,128	364,432	50,696
South do.	420,479	915,355 (f) 102,904 (g) 37,227	1,475,965	1,035,914 43,393	396,658
Madura	7,838	1,265,671	1,273,509	1,271,854	1,655
Tinnevelly	11,153	42,985	54,138	48,253	5,885
Total ..	1,178,590	3,346,551	4,525,141	3,536,026	989,115
Grand Total ..	4,536,264	12,723,052	17,260,316	12,898,627	4,361,689
		BAMBOOS (NUMBER).			
Northern Circle.					
Ganjám	1,569	535,998	537,567	536,277	1,290
Vizagapatam	416	323,248	323,664	302,076	21,588
Upper Gódávari	..	..	..	..	..
Lower do.	650	2,010	2,660	(d) 2,500	160
Kistna	..	100	100	100	..
Guntúr	..	265	265	154	111
East Kurnool	23,084	883,651	906,735	(h) 796,405	110,330
West do.	23,707	2,287,832	2,311,539	2,285,998	25,541
Bellary	250	33,990	34,240	33,515	725
Anantapur	22,293	176,777	199,070	95,747	103,323
Total ..	71,969	4,243,871	4,315,840	4,052,772	263,068
Central Circle.					
North Cuddapah	(a) 420	28,993	29,413	11,443	17,970
East do.	(a) ..	9,400	9,400	6,740	2,660
South do.	(a) ..	20,280	20,280	15,380	4,900
Chingleput	..	..	..	..	..
North Arcot	..	20,620	20,620	(i) 20,000 (d) 620	..
South do.	71	1,942	2,013	1,713 (d) 300	..
North Salem	24,166	373,477	397,643	358,936	38,707
South do.	..	752,615	752,615	653,481	99,134
Trichinopoly	470	70,840	71,310	47,388	23,922
Tanjore	..	1,040	1,040	605	435
Total ..	25,127	1,279,207	1,304,334	1,116,606	187,728

(a) Collector's figures. The total of the opening balances of the three Cuddapah divisions does not agree with the last year's closing balance for the whole district of Cuddapah.
(b) The Collector's figure is 196,589 ; but the figure in Form No. 55 has been adopted.
(c) Written off.
(d) Used departmentally.
(e) Transferred from Trichinopoly.
(f) Transferred from the Nilgiris for sale in this district.
(g) Transferred from North Coimbatore for sale in this district.
(h) Includes 152,163 bamboos transferred to Guntúr and Anantapur.
(i) Transferred to the Madras depot.

Account of Timber and other Produce cut or collected by Government Agency and brought to depots, sold locally or otherwise disposed of during 1906–1907—*cont.*

Name of district.	Balance at commencement of the year in forest and sale depots.	Received during the year.	Total.	Disposed of during the year.	Balance in hand at close of the year in forest and sale depots.
1	2	3	4	5	6
BAMBOOS (NUMBER)—*cont.*					
Southern Circle.					
Canara, South	5,669	8,708	14,377	9,516 (a) 1,101 (b) 4	3,756
Malabar, North	14,509	4,335	18,844	6,361	12,483
Do. South	13,520	50,176	63,696	39,475 (a) 1,482 (b) 3,006	19,733
Nilgiris, The	..	..	..	..	..
Coimbatore, North	8,500	364,404	372,904	365,804	7,100
Do. South	560	..	560	527	33
Madura	2	..	2	..	2
Tinnevelly	977	30	1,007	934	73
Total ..	43,737	427,653	471,390	428,210	43,180
Grand Total ..	140,833	5,950,731	6,091,564	5,597,588	493,976
MINOR PRODUCE (MAUNDS OF 25 LBS.).					
Northern Circle.					
Ganjám	330	..	330	..	330
Vizagapatam	80	..	80	40	40
Gódávari, Upper	..	72	72	63 (a) 9	..
Do. Lower	..	(c) 170	170	(a) 170	..
Kistna	265	..	265	265	..
Guntúr	42,878	54,654	97,532	31,015	66,517
Kurnool, East	7,253	24,363	31,616	25,943	5,673
Do. West	1,717	(d) 18,925	20,642	19,778	864
Bellary	23,072	11,039	34,111	31,383	2,728
Anantapur	..	..	..	..	..
Total ..	75,595	109,223	184,818	108,666	76,152
Central Circle.					
Cuddapah, North	(e) 315	(f) 69	(f) 384	(f) 312	(f) 72
Do. East	(e) 125	742	867	631	236
Do. South	(e) 112	36	148	139	9
Nellore	1,229	9,453	10,682	3,709 (b) 90	6,883
Chingleput	1,154	1,720	2,874	(b) 1,357	1,517
Arcot, North	310	3,553	3,863	2,735	1,128
Do. South	1,162	4,721	5,883	1,426 (a) 724	3,733
Salem, North	8,690	3,646	12,336	4,405	7,931
Do. South	3,701	1,417	5,118	1,398	3,720
Trichinopoly	..	642	642	465	177
Tanjore	15	..	15	15	..
Total ..	16,813	25,999	42,812	17,406	25,406
Southern Circle.					
Canara, South	274	1,819	2,093	1,768 (c) 45 (d) 242	38
Malabar, North	119	73	192	152	40
Do. South	1	..	1	1	..
Nilgiris, The	543	2,546	3,089	1,937	1,152
Coimbatore, North	3,559	(g) 13,598	17,157	14,895	2,262
Do. South	530	1,092	1,622	1,032	590
Madura	..	..	..	..	..
Tinnevelly	8	(f) 93	(f) 101	84	17
Total ..	5,034	19,221	24,255	20,156	4,099
Grand Total ..	97,442	154,443	251,885	146,228	105,657

(a) Used departmentally. (b) Written off.
(c) Not shown by the Collector in Form No. 56.
(d) The Collector's figure was 11,988. But the figure in Form No. 56 has been adopted.
(e) Collector's figures. The total of the opening balances of the three Cuddapah divisions does not agree with the last year's closing balance for the whole district of Cuddapah.
(f) Approximate figures, the Collector having given details in various measures.
(g) Excludes 4,950 pieces of rattan received during the year of which 4,200 were disposed of.

Annual Form No. 58.

Forest Department, Madras Presidency.

Statement showing the value of Timber and other Produce at sale depots for the year 1905–1906.

District.	Description of timber or produce.	On hand at commencement of the year. Number.	Cubic feet.	Value.	On hand at close of the year. Number.	Cubic feet.	Value.	Difference in value. In favour of the year.	Against the year.
1	2	3	4	5	6	7	8	9	10
	Northern Circle.			RS.			RS.	RS.	RS.
Ganjám	Sál	..	1,946	486	..	449	112	..	374
	Miscellaneous	..	23	2	..	3	1	..	1
	Total, Timber	..	1,969	488	..	452	113	..	375
	Fuel	..	368	29	..	200	15	..	14
	Bamboos	1,569	..	10	1,290	..	12	2	..
Vizagapatam.	Sál	..	132	264	..	8	4	..	260
	Yegesi (vengai)	..	48	2	..	..	..	..	2
	Miscellaneous	..	750	510	..	737	262	..	248
	Total, Timber	..	930	776	..	745	266	..	510
	Fuel	..	26,130	840	..	82,262	(a) 2,517	1,677	..
	Bamboos	416	..	1	21,588	..	430	429	..
	Minor produce	MDS. 80	..	400	MDS. 39	..	276	..	124
Gódávari, Upper.	Teak	..	(b) 1,273	636	..	916	458	..	178
	Miscellaneous	..	(b) 1,856	423	..	1,856	423	..	..
	Total, Timber	..	(b) 3,129	1,059	..	2,772	881	..	178
	Fuel	..	(b) 1,431	79	..	(c) 14,391	799	720	..
Gódávari, Lower.	Yegesi	..	510	127	..	17	4	..	123
	Miscellaneous	..	166	21	..	297	37	16	..
	Total, Timber	..	676	148	..	314	41	..	107
	Fuel	..	150,914	7,943	..	81,087	5,406	..	2,537
	Bamboos	650	..	22	160	..	5	..	17
Kistna	Timber	..	180	80	..	207	102	22	..
	Fuel	..	36,566	3,153	..	49,148	4,643	1,490	..
	Minor produce	MDS. 265	..	142	..	..	..	..	142
Guntúr	Timber	..	4,853	2,278	..	4,061	1,493	..	785
	Fuel	..	120,842	4,770	..	72,310	10,578	5,808	..
			(d) 96	24	..	624	432	408	
	Minor produce	MDS. 4,691	..	576	MDS. 1,212	..	..	714	138
Kurnool, East.	Timber	..	10,707	8,086	..	39,517	29,838	21,552	..
	Fuel	..	450,626	26,062	..	457,558	22,878	..	3,184
	Bamboos	23,084	..	460	110,330	..	2,206	1,746	..
	Minor produce	MDS. (e)10,362	..	5,639	MDS. 5,673	..	2,381	..	3,258
Kurnool, West.	Timber	..	10,489	5,245	..	41,369	20,685	15,440	..
	Fuel	..	(b)688,497	40,820	..	739,856	43,521	2,701	..
	Bamboos	(f_1)23,707	..	(f) ..	(f_2)25,541	..	..	(f) ..	..
	Minor produce	MDS. 1,717	..	507	MDS. 864	..	856	..	349
Bellary	Timber	..	4,464	888	..	4,972	990	102	..
	Fuel	..	658,940	37,880	..	168,389	9,470	..	28,410
	Bamboos	(b) 250	..	6	725	..	18	12	..
	Minor produce	MDS. 15,795	..	2,150	MDS. 2,727	..	359	..	1,791
Anantapur	Timber	..	501	(f) ..	..	(g) 532	(f) ..	..	..
	Fuel	..	(h)223,633	12,423	..	241,535	27,604	15,181	..
	Bamboos	22,293	..	(f) ..	103,323	..	(f) ..	..	..

(a) Includes the value of 175 kanchams of charcoal.
(b) Collector's figure. The variation in the opening balance has not been explained.
(c) Excludes 2,161 cubic feet of fuel converted into charcoal.
(d) Charcoal.
(e) Revised figure and excludes 2,760 cubic feet of stone.
(f) Value not reported.
(g) Excludes 1,190 pieces of timber and agricultural implements, the volume and value of which has not been reported.
(h) The Collector's figure was 223,662. But the figure of the last year statement has been adopted.
(f_1) The Collector's figure was 38,482. But the figure in column 2 of Form No. 57 has been adopted in the absence of an explanation.
(f_2) The Collector's figure was 31,512. But the figure in column 6 of Form No. 57 has been adopted.

Statement showing the value of Timber and other Produce at sale depots, etc.—*cont.*

District.	Description of timber or produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
		Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.
1	2	3	4	5	6	7	8	9	10
	Central Circle.			RS.			RS.	RS.	RS.
Cuddapah, North.	Timber	..	(b) 551	905	..	601	915	10	..
	Fuel	..	(b) 248	16	..	2,248	1,223	1,207	..
	Bamboos	(b) 420	..	8	7,024	..	150	142	..
	Minor produce ..	(b) ..	..	190	..	..	20	..	170
Cuddapah, East.	Timber	..	(b) 21,858	6,562	..	20,265	5,421	..	1,141
	Fuel	..	(b) ..	..	..	76,172	605	605	..
	Bamboos ..	(b) ..	..	..	2,660	..	58	58	..
	Minor produce ..	(b) ..	..	269	..	..	179	..	90
Cuddapah, South.	Timber	..	(b) ..	..	..	389	200	200	..
	Fuel	..	(b) 114	14	..	1,548	194	180	..
	Bamboos ..	(b) ..	..	..	4,900	..	62	62	..
	Minor produce ..	(b) ..	..	..	MDS. 8	..	8	8	..
Nellore ..	Timber	..	19	1	..	13,195	1,645	1,644	..
	Fuel	..	169,344	10,876	..	214,504	21,468	10,592	..
	Minor produce ..	MDS. 1,229	..	696	MDS. 6,883	..	1,354	658	..
Chingleput.	Timber	..	..	..	..	772	112	112	..
	Fuel	..	11,053	917	..	26,436	2,614	1,697	..
	Minor produce ..	MDS. 1,154	..	..	MDS. 1,517	..	(i) ..	..	..
Arcot, North.	Red sanders ..	..	131	59	..	1,000	300	241	..
	Sandalwood ..	..	..	3	..	49	392	389	..
	Miscellaneous ..	..	337	798	..	206	108	..	690
	Total, Timber ..	..	468	860	..	1,255	800	..	60
	Fuel	..	74,073	5,099	..	139,882	6,475	1,376	..
	Minor produce ..	MDS. 160	..	560	MDS. 213	..	500	..	60
Arcot, South.	Timber	..	..	..	..	1,224	765	765	..
	Fuel	..	..	..	..	1,371	174	174	..
Salem, North.	Timber (j) ..	..	(k) 12,709	6,750	..	8,670	4,956	..	1,794
	Fuel	..	62,440	8,360	..	79,406	9,856	1,496	..
	Bamboos ..	24,166	..	901	38,707	..	985	84	..
	Minor produce ..	MDS. 8,690	..	3,042	MDS. 7,931	..	556	..	2,486
Salem, South.	Sandalwood ..	..	121	1,089	..	181	1,629	540	..
	Vengai	..	438	766	..	198	396	..	370
	Miscellaneous ..	..	1,215	607	..	1,878	939	332	..
	Total, Timber ..	..	1,774	2,462	..	2,257	2,964	502	..
	Fuel	..	179,434	12,952	..	151,465	8,415	..	4,537
	Bamboos ..	3,701	..	..	99,134	..	1,568	1,568	..
	Minor produce ..	MDS. ..	..	90	MDS. 3,720	..	90	..	..
Trichinopoly.	Timber	..	..	..	..	1,302	209	209	..
	Fuel	..	73,490	7,050	..	128,524	12,239	5,189	..
	Bamboos ..	473	..	29	23,922	..	1,450	1,421	..
	Minor produce ..	MDS. ..	..	..	MDS. 177	..	121	121	..
Tanjore ..	Fuel	..	17,118	855	..	1,581	91	..	764
	Bamboos ..	..	..	..	435	..	40	40	..
	Minor produce ..	MDS. 15	..	12	..	..	..	..	12

(b) Collector's figure. The variation in the opening balance has not been explained.

(i) Value not settled as there was no demand for the produce during year; 1,357 maunds shown as disposed of in Form No. 57 was only dryage written off.

(j) Includes sandalwood.

(k) Collector's figure.

Statement showing the value of Timber and other Produce at sale depots, etc.—*cont.*

District.	Description of timber or produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
		Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.
1	2	3	4	5	6	7	8	9	10
	Southern Circle.			RS.			RS.	RS.	RS.
Canara, South.	Timber	..	7,690	4,898	..	6,924	5,002	104	..
	Fuel	..	32,478	2,896	..	(*l*) 71,133	6,544	3,648	..
	Bamboos ..	191	..	18	110	..	15	..	3
	Minor produce ..	MDS. 17	..	84	MDS. 16	..	(*k*) 16	..	68
Malabar, North.	Teak	..	109,177	86,080	..	91,485	71,575	..	14,505
	Vengai	..	31,629	15,748	..	21,548	10,880	..	4,868
	Rosewood ..	..	6,766	4,228	..	8,190	5,500	1,272	..
	Maddi	..	{35,070 121}	8,767	..	27,459	11,167	2,400	..
	Venteak	..	6,814	3,407	..	5,636	1,500	..	1,907
	Ironwood ..	..	4,074	2,035	..	5,739	2,869	834	..
	Miscellaneous ..	..	(*m*) 6,770	3,295	..	5,380	2,522	..	773
	Total, Timber ..	..	200,421	1,23,560	..	165,437	1,06,013	..	17,547
	Fuel	..	10,301	500	..	12,734	600	100	..
	Bamboos ..	14,509	..	700	12,483	..	400	..	300
	Minor produce ..	MDS. 119	..	410	MDS. (*n*) ..	..	310	..	100
Malabar, South.	Teak	..	84,486			46,198			
	Rosewood ..	..	689			494			
	Ironwood ..	..	42,839	1,25,700	..	25,482	79,280	..	46,420
	Maddi	..	12,226			6,694			
	Vengai	..	275			276			
	Miscellaneous ..	..	15,608			14,700			
	Total, Timber ..	..	156,123	..	..	93,844	..	..	..
	Fuel	..	581	32	..	2	..	..	32
	Bamboos ..	13,520	..	540	19,733	..	985	445	..
	Minor produce ..	1	..	164	..	..	..	..	164
Nilgiris, The.	Teak	..	342	1,024	..	167	416	..	608
	Fuel	..	18,438	1,446	..	22,431	1,836	390	..
	Minor produce ..	MDS. 65	..	66	MDS. 122	..	140	74	..
Coimbatore, North. (*s*)	Sandalwood ..	..	1,938	18,523	..	1,327	18,571	48	..
	Vengai	..	6,503	4,876	..	1,328	996	..	3,880
	Teak	..	735	735	..	530	530	..	205
	Rosewood ..	..	2,236	2,235	..	5,438	1,925	..	310
	Maddi	..	266	198	..	60	38	..	160
	Miscellaneous ..	(*m*) ..	1,701	1,166	..	770	(*o*) 588	..	578
	Total, Timber ..	..	13,379	27,733	..	9,453	22,648	..	5,085
	Fuel	..	45,638	2,535	..	50,696	3,168	633	..
	Bamboos	8,500	..	383	7,100	..	319	..	64
	Minor produce ..	MDS. 3,559	..	5,441	MDS. 2,262	..	4,837	..	604
Coimbatore, South.	Teak	..	10,690	21,503	..	8,298	20,350	..	..
	Rosewood ..	..	454	885	..	81	142	..	..
	Ironwood ..	..	177	105	..	67	56	..	..
	Vengai	..	3,694	3,354	..	1,292	1,642	..	..
	Maddi	..	3,253	2,431	..	1,330	1,247	..	..
	Venteak	..	51	48	..	..	..	..	..
	Miscellaneous ..	..	(*m*) 18,613	12,199	..	8,534	5,802	..	..
	Total, Timber ..	..	36,932	40,525	..	19,602	29,239	..	11,286
	Fuel	..	20,347	3,659	..	(*p*) ..	4,551	892	..
	Bamboos ..	572	..	27	..	..	..	..	27
	Minor produce ..	MDS. (*b*) 211	..	863	MDS. 73	..	458	..	405

(*b*) Collector's figure. The variation in the opennig balance has not been explained.
(*k*) Includes the value of 250 cocanuts.
(*l*) Excludes 160 bundles of brushwood, the volume of which has not been reported.
(*m*) Includes red cedar, white cedar, etc., shown in last year's statement.
(*n*) Not reported.
(*o*) Includes the value of 985 pieces of agricultural implements, the volume of which has not been reported.
(*p*) Six hundred and thirty tons and 31 cwt. of fuel and 60 bags of charcoal, the volume of which has not been reported.
(*s*) The details of the produce in the various sale depots in the division have not been consolidated. The work had to be done in the Board's office.

Statement showing the value of Timber and other Produce at sale depots, etc.—*cont.*

District.	Description of timber or produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in value.	
		Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.
1	2	3	4	5	6	7	8	9	10
	Southern Circle—cont.			RS.			RS.	RS.	RS.
Madura ..	Timber	..	547	134	..	619	155	21	..
	Fuel	..	7,838	627 (*q*) 27	..	1,602	128 (*q*) 9	..	499 18
	Bamboos ..	2	..	..	2	..	..	..	..
Tinnevelly ..	Teak	..	(*r*) 1,360	2,550	..	645	1,311	..	1,239
	Miscellaneous ..	..	(*r*) 7,213	1,474	..	2,641	1,249	..	225
	Total, Timber ..	..	(*r*) 8,573	4,024	..	3,286	2,560	..	1,464
	Fuel	..	11,153	631	..	5,885	780	149	..
	Bamboos ..	977	..	200	73	..	¼	..	196
	Minor produce ..	MDS. 8	..	24	MDS. 17	..	50	26	..
	ABSTRACT.								
Northern Circle.	Timber	..	37,898	19,048	..	94,941	54,409	35,361	..
	Fuel	..	2,358,043	1,34,023	..	1,907,360	1,27,863	..	6,160
	Bamboos ..	71,969	..	499	262,957	..	2,671	2,172	..
	Minor produce ..	MDS. 32,910	..	9,414	MDS. 10,515	..	4,586	..	4,828
Central Circle.	Timber	..	15,769	10,994	..	31,913	13,789	2,795	..
	Fuel	..	587,314	36,139	..	823,737	63,354	27,215	..
	Bamboos ..	25,059	..	938	176,782	..	4,313	3,375	..
	Minor produce ..	MDS. 14,949	..	4,859	MDS. 20,449	..	2,828	..	2,031
Southern Circle.	Timber	..	424,007	3,27,598	..	297,410	2,40,415	..	87,183
	Fuel	..	146,774	12,353	..	164,483	17,616	5,263	..
	Bamboos ..	38,271	..	1,868	39,501	..	1,723	..	145
	Minor produce ..	MDS. 3,980	..	7,052	MDS. 2,490	..	5,811	..	1,241
Grand Total, Presidency.	Timber	..	477,674	3,57,640	..	424,264	3,08,613	..	49,027
	Fuel	..	3,092,131	1,82,515	..	2,895,480	2,08,833	26,318	..
	Bamboos ..	135,299	..	3,305	479,240	..	8,707	5,402	..
	Minor produce ..	MDS. 51,839	..	21,325	MDS. 33,454	..	13,225	..	8,100
	Total, value ..	..	..	5,64,785	..	..	5,39,378	..	25,407

(*q*) Value of charcoal.

(*r*) Includes the volume of 513 pieces and 40 $\frac{7}{12}$ sets of agricultural implements and hence the increase in the opening balance (*vide* last year's statement).

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SUMMARY of Revenue of the different districts

Budget heads.	Northern							
	Direction.	Ganjám.	Vizagapatam.	Gódávari, Lower.	Gódávari, Upper.	Kistna.	Guntúr.	Kurnool, West.
1	2	3	4	5	6	7	8	9
Receipts.	RS.	RS.	RS.	RS.	R .	RS.	RS.	RS.
I. Timber and other produce removed from the forests by Government Agency—								
(*a*) Timber	..	370	1,259	..	..	433	2,078	31,054
(*b*) Firewood and charcoal	824	1,535	10,988	31,658	2,293	22,166	26,299	37,904
(*c*) Bamboos	..	4,445	3,369	..	..	..	3,707	39,045
(*d*) Sandalwood	..	..	..	..	..	..	..	..
(*e*) Grass and other minor produce ..	..	..	352	..	73	186	5,398	2,065
II. Timber and other produce removed from the forests by consumers or purchasers—								
(*a*) Timber	..	15,053	3,996	16,286	30,777	2,050	10,728	6,121
(*b*) Firewood and charcoal	..	5,174	2,055	7,054	869	12,371	5,450	7,995
(*c*) Bamboos	..	3,591	7,866	22,426	7,946	1,600	..	..
(*d*) Grazing and fodder grass ..	..	11,205	4,789	15,603	1,728	20,762	75,729	22,958
(*e*) Other produce	40	2,884	8,064	21,609	843	8,511	20,961	19,121
(*f*) Tree owners' fees	..	448	219	3,212	..	7,291	6,104	20,043
III. Confiscated drift and waifwood	..	462	50	2,976	556	112	125	581
IV. Revenue from forests not managed by Government	..	..	..	..	..	..	..	..
V. Miscellaneous—								
(*a*) Fines and forfeitures	..	9	..	679	206	177	..	85
(*b*) Other sources	68	1,351	1,816	1,622	1,213	1,851	11,123	4,993
Total, Receipts ..	932	46,527	44,823	1,23,125	46,504	77,510	1,67,702	1,91,965

Budget heads.	Central Circle—*cont.*					
	South Arcot.	North Salem.	South Salem.	Trichinopoly.	Tanjore.	Total.
1	21	22	23	24	25	26
Receipts.	RS.	RS.	RS.	RS.	RS.	RS.
I. Timber and other produce removed from the forests by Government Agency—						
(*a*) Timber	577	10,147	4,434	20	..	46,105
(*b*) Firewood and charcoal	3,177	36,826	28,639	57,822	12,556	2,81,015
(*c*) Bamboos	100	8,272	14,803	1,273	15	25,267
(*d*) Sandalwood	192	17,490	2,393	..	..	54,073
(*e*) Grass and other minor produce ..	233	1,721	55	380	..	8,962
II. Timber and other produce removed from the forests by consumers or purchasers—						
(*a*) Timber	11,712	7,266	6,994	1,657	963	52,306
(*b*) Firewood and charcoal	46,585	1,403	9,005	17,800	9,721	1,35,638
(*c*) Bamboos	3,553	8,376	20,936	438	198	70,664
(*d*) Grazing and fodder grass ..	50,710	32,666	23,186	17,611	1,128	3,05,038
(*e*) Other produce	29,883	13,469	21,259	19,879	7,001	2,68,101
(*f*) Tree owners' fees	2,190	1,624	337	5	196	25,278
III. Confiscated drift and waifwood	324	145	234	84	30	4,990
IV. Revenue from forests not managed by Government	..	..	..	..	..	..
V. Miscellaneous—						
(*a*) Fines and forfeitures	796	20	574	72	226	2,699
(*b*) Other sources	962	4,373	11,916	11,920	4,057	53,254
Total, Receipts ..	1,50,994	1,43,798	1,44,765	1,28,961	36,091	13,33,390

FORM No. 59.

for the Forest year 1906–1907.

Circle.				Central Circle.						
Kurnool, East.	Bellary.	Anantapur.	Total.	Direction.	Nellore.	Cuddapah, South.	Cuddapah, North.	Cuddapah, East.	Chingleput.	North Arcot.
10	11	12	13	14	15	16	17	18	19	20
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS
18,837	1,750	349	56,130	* 5,534	630	163	6,478	14,830	16	3,276
64,203	42,202	10,065	2,50,137	† 22,968	30,254	1,040	8,606	7,283	15,377	56,467
9,338	801	2,205	62,910	..	..	192	314	298	..	..
..	..	..	..	‡ 10,445	..	..	..	..	..	23,553
9,773	2,744	22	20,613	§ 2,250	599	82	165	1,749	1	1,727
1	9,949	6,027	1,00,988	..	5,544	2,992	2,995	2,787	1,514	7,882
1,516	3,794	2,028	48,306	§ 20,293	3,013	3,401	3,365	4,299	4,247	12,506
63	572	..	44,064	..	20	1,068	2,342	4,900	83	28,750
30,170	45,968	21,707	2,50,619	..	52,896	20,440	10,132	36,108	11,347	48,814
7,929	29,510	49,048	1,68,520	‖ 21,864	28,504	55,405	12,601	17,592	10,679	29,965
2,978	24,030	12,949	77,274	..	3,312	3,697	1,689	2,293	2,541	7,394
302	69	143	5,376	¶ 12	1,938	35	194	807	65	1,122
..	..	..	..	..	..	..	..	..	..	..
1	1,749	466	3,372	§ 53	635	37	15	105	94	72
4,482	10,402	1,411	40,332	** 11,381	4,873	154	1,295	356	374	1,593
1,49,593	1,73,540	1,06,420	11,28,641	94,800	1,32,218	88,706	50,191	93,407	46,338	2,23,121

Southern Circle.									
Direction.	The Nilgiris.	North Coimbatore.	South Coimbatore.	Madura.	Tinnevelly.	North Malabar.	South Malabar.	South Canara.	Total.
27	28	29	30	31	32	33	34	35	36
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
— 4	10,760	6,669	70,499	66	4,365	29,434	1,37,605	8,159	2,67,553
6	21,199	12,622	57,205	70,264	4,769	418	335	22,135	1,88,953
..	1	10,359	40	..	148	332	2,027	1,539	14,446
..	1,722	18,689	..	..	..	..	..	..	20,411
..	2,858	9,141	2,180	..	332	635	178	12,748	28,072
2,251	868	5,448	1,815	9,263	1,434	780	3,858	3,930	29,647
2	2,633	5,043	4,563	27,777	51,636	24	..	14,066	1,05,744
..	1,872	7,055	8,105	2,550	650	199	410	1,142	21,983
..	9,580	52,166	10,476	32,541	7,080	2,561	..	8,476	1,22,880
..	1,980	7,877	6,661	32,724	33,385	2,996	1,577	19,669	1,06,869
..	..	4	..	..	..	..	4	3,804	3,812
..	113	433	248	288	1,385	55	79	1,946	4,547
..	..	..	..	..	..	..	..	..	..
61	1	169	14	892	801	..	20	210	2,168
8,665	6,888	5,450	11,285	16,648	5,756	4,907	1,755	10,263	71,617
10,981	60,475	1,41,125	1,73,091	1,93,013	1,11,741	42,341	1,47,848	1,08,087	9,88,702

		RS.
* On account of East Cuddapah	..	2,063
Do. of North Salem	..	150
Do. of North Malabar	..	1,746
Do. of South Coimbatore	..	1,575
Total	..	5,534

		RS.
† On account of Nellore	.. ..	15,255
Do. of Chingleput	..	1,580
Do. of North Arcot	..	3,722
Do. of South Salem	..	969
Do. of Vizagapatam	..	1,442

‡ On account of North Coimbatore.

§ On account of Nellore.

		RS.
‖ On account of Nellore	.. ..	19,534
Do. of Chingleput	.. ..	1,630
Do. of North Arcot	..	700
Total	..	21,864

¶ On account of East Cuddapah Rs. 12.

		RS.
** On account of Nellore	.. ..	1,403
Do. of Chingleput	.. ..	40
Do. of North Arcot	..	10
Do. of South Salem	..	20
Do. of North Malabar	..	2,313
Do. of South do.	..	5,042
Do. of South Coimbatore	..	2,543
Do. of Direction, Southern Circle	.. ..	10
Total	..	11,381

E. S. HENSMAN,
Chief Superintendent.

Forest Department, Madras Presidency, Northern Circle.

SUMMARY of Expenditure of the different Districts for the Forest year 1906-1907.

Budget heads.	Direction.	Ganjám.	Vizagapatam.	Gódávari, Lower.	Gódávari, Upper.	Kistna.	Guntúr.	Kurnool, West.	Kurnool, East.	Bellary.	Anantapur.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
I.—REFUNDS AND DRAWBACKS.	..	301	51	294	25	152	134	39	51	1,023	410	2,480
A. Conservancy and Works.												
Timber and other produce removed from the forests by Government Agency—												
(*a*) Timber	..	283	460	..	..	240	188	14,865	11,521	593	757	28,907
(*b*) Firewood and charcoal ..	..	2,694	10,273	15,713	1,716	16,071	14,482	30,705	37,862	29,649	9,375	1,68,540
(*c*) Bamboos ..	..	2,470	2,324	..	..	..	1,312	23,934	7,929	512	866	39,347
(*d*) Sandalwood ..	..	..	..	..	..	..	..	..	..	1	..	1
(*e*) Grass and other minor produce.	..	..	81	..	65	198	6,458	2,614	6,221	5,091	18	20,746
II. Timber and other produce removed from the forests by consumers or purchasers	..	6,359	4,896	10,499	3,854	2,597	2,118	11,259	7,322	4,675	1,833	55,412
III. Confiscated, drift and waifwood	..	4	..	1,215	30	9	189	46	22	..	7	1,522
V. Rent of leased forests and payments to shareholders in forests managed by Government	..	..	400	..	..	..	..	..	..	10,000	..	10,400
VI. Live-stock, stores, tools and plant—												
(*a*) Purchase of cattle	..	..	..	..	..	..	..	..	1,188	1	..	1,189
(*b*) Feed and keep of cattle	..	546	753	..	846	..	..	594	6,131	3,176	..	12,046
(*c*) Stores, tools and plant	1,016	65	879	3,078	329	922	703	935	2,030	1,368	737	12,062
VII. Communications and buildings—												
(*a*) Roads and bridges ..	1,542	483	1,893	4,074	7,668	625	130	230	2,540	298	1,605	21,088
(*b*) Buildings ..	657	5,491	1,985	4,776	3,250	552	1,508	10,544	8,803	5,513	7,238	50,317
(*c*) Other works ..	14	76	3	690	861	564	381	20	625	..	13	3,247
VIII. Demarcation, improvement and extension of forests—												
(*a*) Demarcation ..	..	4,898	20	664	160	473	443	131	912	675	2,950	11,326
(*b*) Cost of forest settlement; compensation for land and rights.	..	..	..	2,902	..	..	..	216	140	..	83	3,341
(*c*) Surveys—												
(1) Local ..	95	228	..	541	858	769	820	973	365	376	304	5,329
(2) India ..	33,609	..	..	..	..	..	..	..	..	..	..	33,609
(*d*) Working plans ..	..	3	..	335	— 9	..	5	..	..	..	..	334
(*e*) Sowing and planting	8,983	564	222	4,995	317	6,156	2,362	20,135	5,077	3,360	1,013	53,184
(*f*) Protection from fire	..	2,661	141	2,891	4,927	585	69	7,852	6,769	3,081	1,008	29,984
(*g*) Other works ..	..	..	..	..	106	3,230	6,886	5	229	15,152	3,705	29,313
IX. Miscellaneous—												
(*a*) Law charges ..	..	..	..	..	..	..	..	..	8	8	1	17
(*b*) Other charges ..	..	46	23	45	— 161	..	1	31	3	3	206	197
Total, A. Conservancy and Works	45,916	27,172	24,404	52,712	24,842	33,143	38,189	1,25,128	1,05,748	84,555	32,129	5,93,938

MADRAS,
30*th August* 1907.

E. S. HENSMAN,
Chief Superintendent.

Forest Department, Madras Presidency, Northern Circle—cont.

Summary of Expenditure of the different Districts, for the Forest year 1906–1907—*cont.*

Budget heads.	Direction.	Ganjám.	Vizagapatam.	Gódávari, lower.	Gódávari, upper.	Kistna.	Guntúr.	Kurnool, West.	Kurnool, East.	Bellary.	Anantapur.	Total.
B. "ESTABLISHMENTS."	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. Conservancy and works	45,916	27,172	24,404	52,712	24,842	33,143	38,189	1,25,128	1,05,748	84,555	32,129	5,93,938
I. Salaries—												
(*a*) Conservators	24,784	..	..	..	..	..	..	..	..	..	..	24,784
(*b*) Superior officers	7,671	14,039	12,770	8,056	3,600	4,793	7,018	13,477	7,550	12,631	7,796	99,401
(*c*) Subordinate forest and depot establishments	2,804	11,114	5,276	8,104	4,792	6,214	7,405	16,495	12,643	14,966	7,934	97,747
(*d*) Office establishments	9,162	3,351	2,447	3,982	2,854	2,333	4,353	4,720	4,328	3,726	3,054	44,310
(*e*) Deputation and special allowances	..	..	..	..	..	...	..	..	..	687	..	687
Exchange compensation allowance.	232	590	69	470	..	..	165	366	..	250	450	2,592
II. Travelling allowances—												
(*a*) Conservators	5,200	..	..	..	..	..	..	..	..	..	..	5,200
(*b*) Superior officers	1,720	2,817	1,606	735	1,418	975	734	2,760	2,500	2,814	1,808	19,887
(*c*) Subordinate forest and depot establishments	765	2,918	1,389	2,798	1,748	1,406	2,123	4,224	4,124	4,406	1,930	27,831
(*d*) Office establishments	1,400	667	403	699	618	672	454	849	905	900	732	8,299
III. Contingencies.—												
(*a*) Rents, rates and taxes	91	59	439	195	..	374	242	64	167	93	129	1,853
(*b*) Official postage	766	748	431	1,336	453	897	874	1,108	1,062	1,202	1,229	10,106
(*c*) Service telegrams	418	76	43	56	16	41	70	50	190	231	36	1,227
(*d*) Sundries	2,194	943	909	1,744	778	991	574	1,784	1,083	1,969	959	13,928
Total, B. "Establishments" ..	57,207	37,322	25,782	28,175	16,277	18,696	24,012	45,897	34,552	43,875	26,057	3,57,852
Grand total of expenditure ..	1,03,123	64,494	50,186	80,887	41,119	51,839	62,201	1,71,025	1,40,300	1,28,430	58,186	9,51,790

MADRAS,
30*th August* 1907.

E. S. HENSMAN,
Chief Superintendent.

Forest Department, Madras Presidency, Central Circle.

Summary of Expenditure of the different Districts, for the Forest year 1906-1907—*cont.*

Budget heads.	Direction.	Nellore.	Cuddapah, South.	Cuddapah, North.	Cuddapah, East.	Chingleput.	Arcot, North.	Arcot, South.	Salem, North.	Salem, South.	Trichinopoly.	Tanjore.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
I. REFUNDS AND DRAWBACKS.	887	2,167	257	164	15	71	1,247	1,112	950	643	829	86	8,428
A. Conservancy and Works.													
I. Timber and other produce removed from the forests by Government Agency—													
(*a*) Timber ..	..	993	163	2,571	3,473	13	1,866	945	5,046	4,318	121	..	19,509
(*b*) Firewood and charcoal ..	1,178	30,750	955	7,611	4,091	12,085	35,883	1,206	37,886	29,886	42,701	4,986	2,09,218
(*c*) Bamboos ..	..	..	149	294	204	6	108	41	6,482	1,0363	1,405	..	19,052
(*d*) Sandalwood ..	..	..	..	..	..	..	1,355	1	1,069	144	..	..	2,569
(*e*) Grass and other minor produce ..	..	2,320	22	9	905	65	852	87	349	78	131	1	4,819
II. Timber and other produce removed from the forests by consumers or purchasers ..	..	4,834	3,623	4,366	9,235	1,320	3,305	2,426	3,319	4,132	2,128	524	39,212
III. Confiscated, drift and waifwood	..	..	3	22	10	2	24	..	1	32	..	1	95
V. Rent of leased forests and payments to shareholders in forests managed by Government	..	..	..	..	..	..	..	..	30	..	..	..	30
VI. Live-stock, stores, tools and plant—													
(*a*) Purchase of cattle ..	..	..	..	..	..	..	777	..	107	..	..	..	884
(*b*) Feed and keep of cattle ..	..	..	..	..	..	..	788	..	320	..	..	..	1,108
(*c*) Stores, tools and plant ..	125	3,282	1,052	1,154	84	256	1,200	171	2,090	267	321	40	10,042
VII. Communications and buildings—													
(*a*) Roads and bridges ..	..	..	..	16	301	658	953	331	204	1,493	619	..	4,575
(*b*) Buildings ..	12	1,233	1,828	148	1,798	735	3,000	1,108	955	4,368	535	140	15,860
(*c*) Other works ..	..	..	1	20	..	137	12	83	1,741	444	49	..	2,487
VIII. Demarcation, improvement and extension of forests—													
(*a*) Demarcation ..	..	85	71	..	157	1,302	366	440	234	257	335	..	3,247
(*b*) Cost of forest settlement; compensation for land and rights ..	..	..	..	..	..	-- 40	256	..	46	89	104	..	455
(*c*) Surveys—													
(1) Local ..	296	360	..	..	390	358	380	223	1,899	1,580	376	..	5,862
(2) India ..	853	..	..	..	..	..	..	..	..	..	..	..	853
(*d*) Working-plans.	..	131	115	88	121	31	..	..	..	758	..	..	1,244
(*e*) Sowing and planting ..	..	10,972	147	286	613	1,174	4,614	2,124	357	527	2,483	1,733	25,030
(*f*) Protection from fire	..	1,274	686	1,625	3,444	545	2,148	2,268	868	2,864	153	..	15,875
(*g*) Other works ..	..	2,824	856	1,502	1,409	5,490	13,969	11,390	3,990	5,875	3,481	469	51,255
IX. Miscellaneous—													
(*a*) Law charges ..	..	..	..	..	..	3	14	1	34	149	410	..	611
(*b*) Other charges ..	11	127	..	..	..	48	42	..	80	970	20	111	1,409
Total, A. Conservancy and Works	3,362	61,352	9,928	19,876	26,250	24,259	73,159	23,957	68,057	69,237	56,201	8,091	4,43,729

MADRAS,
1st September 1907.

E. S. HENSMAN,
Chief Superintendent.

Forest Department, Madras Presidency, Central Circle—cont.

Summary of Expenditure of the different Districts for the Forest year 1906-1907—*cont.*

Budget heads.	Direction.	Nellore.	Cuddapah, South.	Cuddapah, North.	Cuddapah, East.	Chingleput.	Arcot, North.	Arcot, South.	Salem, North.	Salem, South.	Trichinopoly.	Tanjore.	Total.
B. "ESTABLISHMENTS."	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
A. Conservancy and Works.	3,362	61,352	9,928	19,876	26,250	24,259	73,159	23,957	68,057	69,237	56,201	8,091	4,43,729
I. Salaries—													
(*a*) Conservators	22,800	..	..	..	..	..	..	..	..	..	..	..	22,800
(*b*) Superior officers	1,600	5,900	5,611	3,550	6,831	4,787	12,686	12,870	5,204	11,404	11,310	795	82,548
(*c*) Subordinate Forest and depot establishments ..	2,218	12,229	3,695	4,871	7,363	6,196	16,770	10,359	7,257	11,361	8,327	1,129	91,775
(*d*) Office establishments ..	8,117	8,749	2,046	2,060	3,497	2,101	4,507	5,144	3,535	4,263	3,240	1,047	48,306
(*e*) Deputation and Special allowances	..	..	..	..	..	..	..	..	..	..	..	..	..
Exchange compensation allowance.	..	87	..	..	240	..	— 781	506	197	430	450	50	1,179
II. Travelling allowances—													
(*a*) Conservators	2,351	..	..	..	..	..	..	..	..	..	..	..	2,351
(*b*) Superior officers	..	1,363	924	902	1,477	503	1,413	1,553	1,332	1,266	922	715	12,370
(*c*) Subordinate Forest and Depot establishments.	558	3,527	784	1,599	2,168	1,314	4,538	2,367	2,045	4,548	2,511	713	26,672
(*d*) Office establishments ..	848	1,498	337	168	484	344	562	721	540	508	873	310	7,193
III. Contingencies—													
(*a*) Rents, rates and taxes ..	..	46	179	144	384	81	147	80	48	72	82	49	1,312
(*b*) Official postage	993	603	400	325	721	644	1,766	2,060	1,323	1,140	816	214	11,005
(*c*) Service telegrams ..	92	43	28	15	33	29	62	34	117	48	174	52	727
(*d*) Sundries	1,695	1,530	1,276	966	1,250	583	841	1,206	1,317	1,451	1,162	419	13,696
Total, B. "Establishments" ..	41,272	35,575	15,280	14,600	24,448	16,582	42,511	36,900	22,915	36,491	29,867	5,493	3,21,934
Grand total of expenditure ..	44,634	96,927	25,208	34,476	50,698	40,841	1,15,670	60,857	90,972	1,05,728	86,068	13,584	7,65,663

MADRAS,
30*th August* 1907.

E. S. HENSMAN,
Chief Superintendent.

Forest Department, Madras Presidency, Southern Circle.

Summary of Expenditure of the different Districts for the Forest year 1906–1907—*cont.*

Budget heads.	Direction.	Nilgiris, The.	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevelly.	Malabar, North.	Malabar, South.	Canara, South.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
I. REFUNDS AND DRAWBACKS.	..	..	366	919	424	621	42	10	261	2,643
A. Conservancy and Works.										
I. Timber and other produce removed from the forests by Government Agency—										
(*a*) Timber ..	..	2,131	1,160	26,679	..	1,501	14,324	15,574	2,751	64,120
(*b*) Firewood and charcoal ..	— 14	16,718	11,418	33,487	56,583	3,497	416	294	13,426	1,35,825
(*c*) Bamboos ..	..	1	9,029	42	..	..	413	992	491	10,968
(*d*) Sandalwood ..	..	198	14,218	..	..	..	..	..	..	14,416
(*e*) Grass and other minor produce.	..	1,480	4,694	679	..	148	257	..	3,263	10,521
II. Timber and other produce removed from the forests by consumers or purchasers ..	..	1,053	3,939	5,424	3,546	2,715	443	..	5,324	22,444
III. Confiscated, drift and waifwood	..	22	7	12	1	1	4	74	106	227
V. Rent of leased forests and payments to shareholders in forests managed by Government	..	4,500	..	2,500	..	..	9	270	..	7,279
VI. Live-stock, stores, tools and plant—										
(*a*) Purchase of cattle ..	8,560	..	813	856	..	..	5,050	1,151	..	16,430
(*b*) Feed and keep of cattle ..	..	7,732	1,625	27,162	..	..	23,562	14,345	7,017	81,443
(*c*) Stores, tools and plant ..	982	636	1,183	3,004	134	399	2,043	905	1 ,392	10,678
VII. Communications and buildings—										
(*a*) Roads and bridges ..	..	3,070	5,771	6,318	7,122	4,870	4,923	1,041	734	33,849
(*b*) Buildings ..	87	3,987	4,296	2,841	3,105	4,028	3,235	1,836	1,993	25,408
(*c*) Other works ..	..	344	275	990	148	17	19	1,169	375	3,337
VIII. Demarcation, improvement and extension of forests—										
(*a*) Demarcation ..	..	2,517	610	205	2,883	266	1,104	729	1,479	9,793
(*b*) Cost of forest settlement; compensation for land and rights ..	..	..	877	5,163	9	..	152	120	2,708	9,029
(*c*) Surveys—										
(1) Local ..	69	360	382	1,825	1,114	358	..	..	422	4,530
(2) India ..	12,476	..	..	..	..	..	..	..	..	12,476
(*d*) Working plans.	..	108	4	..	..	..	..	36	..	148
(*e*) Sowing and planting ..	709	1,323	360	446	2,767	1,726	4,039	8,528	305	20,203
(*f*) Protection from fire	..	2,922	2,392	3,515	2,676	2,679	3,511	1,937	2,887	22,519
(*g*) Other works ..	..	1,398	5,611	2,301	8,978	4,318	1,691	1,081	124	25,502
IX. Miscellaneous—										
(*a*) Law charges ..	..	3	..	..	..	173	..	36	104	316
(*b*) Other charges ..	1,405	3,754	214	560	100	146	343	350	94	6,966
Total, A. Conservancy and Works	24,274	54,257	69,244	1,24,928	89,590	27,463	65,580	50,478	45,256	5,51,070

MADRAS,
30*th August* 1907.

E. S. HENSMAN,
Chief Superintendent.

Forest Department, Madras Presidency, Southern Circle—cont.

Summary of Expenditure of the different Districts for the Forest year 1906-1907—*cont.*

Budget heads.	Direction.	The Nilgiris.	Coimbatore, North.	Coimbatore, South.	Madura.	Tinnevelly.	Malabar, North.	Malabar, South.	Canara, South.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Brought forward, total, A. Conservancy and works ..	24,274	54,257	69,244	124,928	89,590	27,463	65,580	50,478	45,256	5,51,070
B. "Establishments."										
I. Salaries—										
(*a*) Conservators ..	18,000	..	..	..	..	..	..	..	..	18,000
(*b*) Superior officers ..	11,215	14,302	9,330	11,426	10,230	9,421	14,612	958	8,434	89,928
(*c*) Subordinate Forest and Depot establishments ..	5,504	12,470	15,536	14,113	10,650	9,912	8,495	5,180	10,424	92,284
(*d*) Office establishments	8,947	4,184	4,456	4,457	3,989	3,770	3,656	3,150	4,653	41,262
(*e*) Deputation and special allowances	497	..	..	..	..	..	..	..	..	497
Exchange compensation allowance	237	402	559	291	307	404	667	..	291	3,158
II. Travelling Allowances—										
(*a*) Conservators ..	2,930	..	..	..	..	..	..	..	..	2,930
(*b*) Superior officers ..	2,582	3,248	2,237	1,995	1,257	2,217	1,497	310	1,264	16,607
(*c*) Subordinate Forest and Depot establishments ..	2,565	2,998	3,615	3,409	3,821	2,755	2,095	1,581	3,071	25,910
(*d*) Office establishments	1,608	366	741	787	971	862	427	362	611	6,735
III. Contingencies—										
(*a*) Rents, rates and and taxes ..	397	73	159	223	50	345	60	112	35	1,454
(*b*) Official postage ..	739	471	1,299	978	1,277	1,124	620	393	1,216	8,117
(*c*) Service telegrams ..	86	28	57	92	115	67	38	43	17	543
(*d*) Sundries	1,957	454	2,210	1,837	1,073	729	844	511	1,003	10,618
Total, B. 'Establishments".	57,264	38,996	40,199	39,608	33,740	31,606	33,011	12,600	31,019	3,18,043
Grand total of Expenditure ..	81,538	93,253	109,443	164,536	123,330	59,069	98,591	63,078	76,275	8,69,113

MADRAS,
30*th August* 1907.

E. S. HENSMAN,
Chief Superintendent.

SUMMARY of Receipts and Expenditure during 1906–1907 for each circle and for the Presidency compiled in the Board's office from the Accountant-General's statement.

Budget heads.	Northern Circle.	Central Circle.	Southern Circle.	Grand Total, Presidency. 1906–1907.	Grand Total, Presidency. 1905–1906
1	2	3	4	5	6
RECEIPTS.	RS.	RS.	RS.	RS.	RS.
I. Timber and other produce removed from the forests by Government Agency—					
(a) Timber	56,130	42,784	2,70,874	3,69,788	2,17,761
(b) Firewood and charcoal	2,51,579	2,79,573	1,88,953	7,20,105	5,49,751
(c) Bamboos	62,910	25,267	14,446	1,02,623	45,349
(d) Sandalwood	..	43,628	30,856	74,484	1,06,861
(e) Grass and other minor produce	20,613	8,962	28,072	57,647	54,000
Total, I ..	3,91,232	4,00,214	5,33,201	13,24,647	9,73,722
II. Timber and other produce removed from the forests by consumers or purchasers—					
(a) Timber	1,00,988	52,306	29,647	1,82,941	1,68,805
(b) Firewood and charcoal	48,306	1,35,638	1,05,744	2,89,688	2,85,547
(c) Bamboos	44,064	70,664	21,983	1,36,711	1,77,165
(d) Grazing and fodder grass	2,50,619	3,05,038	1,22,880	6,78,537	6,62,837
(e) Other produce	1,68,520	2,68,101	1,06,869	5,43,490	5,01,043
(f) Tree-owners' fees	77,274	25,278	3,812	1,06,364	1,12,411
Total, II ..	6,89,771	8,57,025	3,90,935	19,37,731	19,07,808
III. Confiscated drift and waifwood	5,376	4,990	4,547	14,913	18,461
IV. Revenue from forests not managed by Government.	..	..	..	..	..
V. Miscellaneous—					
(a) Fines and forfeitures	3,372	2,699	2,168	8,239	6,137
(b) Other sources	40,332	43,346	81,525	1,65,203	1,30,764
Total, V ..	43,704	46,045	83,693	1,73,442	1,36,901
Grand Total, Receipts ..	11,30,083	13,08,274	10,12,376	34,50,733	30,36,892
EXPENDITURE.					
I. Refunds and drawbacks	2,480	8,428	2,643	13,551	16,409
A.—Conservancy and Works.					
I. Timber and other produce removed from the forests by Government Agency—					
(a) Timber	28,907	19,509	64,120	1,12,536	1,00,863
(b) Firewood and charcoal	1,68,540	2,09,218	1,35,825	5,13,583	3,67,016
(c) Bamboos	39,347	19,052	10,968	69,367	28,621
(d) Sandalwood	1	2,569	14,416	16,986	10,223
(e) Grass and other minor produce	20,746	4,819	10,521	36,086	30,313
Total, A-I ..	2,57,541	2,55,167	2,35,850	7,48,558	5,37,036
II. Timber and other produce removed by consumers or purchasers	55,412	39,212	22,444	1,17,068	1,18,026
III. Confiscated drift and waifwood	1,522	95	227	1,844	1,973
V. Rent of leased forests and payments to shareholders in forests managed by Government	10,400	30	7,279	17,709	17,972
VI. Live-stock, stores, tools and plant—					
(a) Purchase of cattle	1,189	884	16,430	18,503	17,906
(b) Feed and keep of cattle	12,046	1,108	81,443	94,597	90,274
(c) Stores, tools and plant	12,062	10,042	10,678	32,782	35,784
Total, A-VI ..	25,297	12,034	1,08,551	1,45,882	1,43,964
VII. Communications and buildings—					
(a) Roads and bridges	21,088	4,575	33,849	59,512	47,857
(b) Buildings	50,317	15,860	25,408	91,585	88,534
(c) Other works	3,247	2,487	3,337	9,071	8,407
Total, A-VII ..	74,652	22,922	62,594	1,60,168	1,44,798
VIII. Demarcation, improvement and extension of forests—					
(a) Demarcation	11,326	3,247	9,793	24,366	32,708
(b) Cost of forest settlement, compensation for land and rights	3,341	455	9,029	12,825	30,289
(c) (1) Local surveys	5,329	5,862	4,530	15,721	15,321
(c) (2) Surveys of India	33,609	853	12,476	46,938	71,572
(d) Working plans	334	1,244	148	1,726	1,518
(e) Sowing and planting	53,184	25,030	20,203	98,417	75,733
(f) Protection from fire	29,984	15,875	22,519	68,378	61,166
(g) Other works	29,313	51,255	25,502	1,06,070	1,03,778
Total, A-VIII ..	1,66,420	1,03,821	1,04,200	3,74,441	3,92,085

Summary of Receipts and Expenditure during 1906–1907 for each circle and for the Presidency compiled in the Board's office from the Accountant-General's statement—*cont.*

Budget heads.	Northern Circle.	Central Circle.	Southern Circle.	Grand Total, Presidency. 1906–1907.	Grand Total, Presidency. 1905–1906.
1	2	3	4	5	6
EXPENDITURE—*cont.*	RS.	RS.	RS.	RS.	RS.
A.—Conservancy and Works—cont.					
IX Miscellaneous—					
(*a*) Law charges	17	611	316	944	327
(*b*) Other charges	197	1,409	6,966	8,572	7,241
Total, A-IX ..	214	2,020	7,282	9,516	7,568
Total, A.—Conservancy and Works, inclusive of Refunds.	5,93,938	4,43,729	5,51,070	15,88,737	13,79,831
B.—Establishments.					
I. Salaries—					
(*a*) Conservators	24,784	22,800	18,000	65,584	55,851
(*b*) Superior officers	99,401	82,548	89,928	2,71,877	2,53,831
(*c*) Subordinate forest and depot establishments.	97,747	91,775	92,284	2,81,806	2,59,132
(*d*) Office establishments	44,310	48,306	41,262	1,33,878	1,26,939
(*e*) Deputation and special allowances	687	..	497	1,184	..
(*f*) Exchange compensation allowance	2,592	1,179	3,158	6,929	12,444
Total, B-I ..	2,69,521	2,46,608	2,45,129	7,61,258	7,08,197
II. Travelling allowances—					
(*a*) Conservators	5,200	2,351	2,930	10,481	9,086
(*b*) Superior officers	19,887	12,370	16,607	48,864	52,798
(*c*) Subordinate forest and depot establishments.	27,831	26,672	25,910	80,413	77,112
(*d*) Office establishments	8,299	7,193	6,735	22,227	21,173
Total, B-II ..	61,217	48,586	52,182	1,61,985	1,60,169
III. Contingencies—					
(*a*) Rents, rates and taxes	1,853	1,312	1,454	4,619	4,628
(*b*) Official postage	10,106	11,005	8,117	29,228	27,784
(*c*) Service telegrams	1,227	727	543	2,497	2,044
(*d*) Sundries	13,928	13,696	10,618	38,242	34,078
Total, B-III ..	27,114	26,740	20,732	74,586	68,534
Total, B.—Establishments ..	3,57,852	3,21,934	3,18,043	9,97,829	9,36,900
Grand Total, Expenditure ..	9,51,790	7,65,663	8,69,113	25,86,566	23,16,731
Surplus ..	1,78,293	5,42,611	1,43,263	8,64,167	7,20,161
Total ..	11,30,083	13,08,274	10,12,376	34,50,733	30,36,892

Annual Form No. 60.

Forest Department, Madras Presidency.

Outstandings and Liabilities on account of Contractors and Disbursers for the Forest year 1906–1907.

Circle	District.	Department Debtor. At commencement of year.	Department Debtor. Recoveries in cash and value of supplies and work done during the year.	Department Debtor. At close of year.	Department Creditor. At commencement of year.	Department Creditor. Payments made during year.	Department Creditor. At close of year.	Balance Due To department (outstandings).	Balance Due By department (liabilities).
			RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Northern Circle.	Conservator of Forests, Northern Circle ..	..	19,233 6 0	19,233 2 0	457 14 9	19,798 14 9	20,256 13 6	1,023 7 6	..
Northern Circle.	Ganjám	..	52,093 12 4	52,093 19 4	1,143 14 3	52,330 12 1	53,474 10 4	1,380 14 0	..
Northern Circle.	Vizagapatam	..	39,614 8 2	39,614 8 2	939 11 11	39,567 8 11	40,507 4 10	892 12 8	..
Northern Circle.	Gódávari, Lower ..	..	68,492 6 2	93,487 5 6	1,538 9 0	67,494 4 7	95,337 8 7	540 7 5	..
Northern Circle.	Do. Upper	..	24,994 15 4			26,304 11 0		1,309 11 8	..
Northern Circle.	Kistna	..	55,911 15 0	55,911 15 0	885 13 9	57,274 7 6	58,160 5 3	2,248 6 3	..
Northern Circle.	Guntúr	..	62,818 12 8	62,818 12 8	3,422 12 5	63,484 9 5	66,907 5 10	4,088 9 2	..
Northern Circle.	Kurnool, West	..	2,14,109 13 8	2,14,109 13 8	5,584 4 2	2,14,457 14 4	2,20,042 2 6	5,932 4 10	..
Northern Circle.	Do. East	..	1,55,171 6 9	1,55,171 6 9	7,330 7 4	1,56,801 8 5	1,64,131 15 9	8,960 9 0	..
Northern Circle.	Bellary	..	1,38,133 6 9	1,38,133 6 9	8,789 10 3	1,35,795 12 2	1,44,585 6 5	6,451 15 8	..
Northern Circle.	Anantapur	..	53,912 1 4	53,912 1 4	546 7 8	55,247 0 5	55,793 8 1	1,881 6 9	..
	Total ..	..	8,84,486 8 2	8,84,486 8 2	30,639 9 6	8,88,557 7 7	9,19,197 1 1	34,710 8 11	..
Central Circle.	Conservator of Forests, Central Circle ..	..	1,795 4 7	1,795 4 7	28 12 9	1,797 7 4	1,826 4 1	30 15 6	..
Central Circle.	Nellore	..	90,329 15 7	90,329 15 7	1,231 10 7	93,715 9 3	94,947 3 10	4,617 4 3	..
Central Circle.	Cuddapah, North ..	..	37,233 0 2	1,00,382 2 9	60 0 9	37,539 10 10	1,02,104 14 10	366 11 5	..
Central Circle.	Do. East ..	..	45,293 11 9		859 11 0	45,026 2 3		793 10 1	..
Central Circle.	Do. South ..	..	17,855 6 10		1,061 3 7	17,558 2 5		562 6 7	..
Central Circle.	Chingleput	..	46,718 10 7	46,718 10 7	1,357 6 7	46,804 2 11	48,161 9 6	1,442 14 11	..
Central Circle.	Arcot, North	..	1,24,929 4 11	1,24,929 4 11	1,776 6 5	1,25,783 1 6	1,27,559 7 11	2,630 3 0	..
Central Circle.	Arcot, South	..	50,772 7 0	50,772 7 0	498 9 5	51,032 10 10	51,531 4 3	758 13 3	..
Central Circle.	Salem, North	..	1,00,052 13 2	1,00,052 13 2	6,998 7 1	98,502 12 11	1,05,501 4 0	5,448 6 10	..
Central Circle.	Salem, South	..	1,15,788 12 4	1,15,788 12 4	3,675 5 9	1,16,741 13 4	1,20,417 3 1	4,628 6 9	..
Central Circle.	Trichinopoly	..	84,618 15 11	84,618 15 11	1,965 7 7	85,620 11 8	87,586 3 3	2,967 3 4	..
Central Circle.	Tanjore	..	12,640 9 10	12,640 9 10	—589 4 5	14,461 14 1	13,872 9 8	1,231 15 10	..
	Total ..	..	7,28,029 0 8	7,28,029 0 8	18,923 13 1	7.34,584 3 4	7,53,508 0 5	25,478 15 9	..
Southern Circle.	Conservator of Forests, Southern Circle ..	..	1,248 9 11	1,248 9 11	27 9 4	1,228 5 11	1,255 15 3	7 5 4	..
Southern Circle.	Forest Training School, Coimbatore	..	344 1 8	344 1 8	522 10 0	130 4 4	652 14 4	308 12 8	..
Southern Circle.	The Nilgiris	..	79,110 6 10	79,110 6 10	1,833 13 2	79,253 6 2	81,087 3 4	1,976 12 6	..
Southern Circle.	Coimbatore, North ..	..	1,06,544 3 3	1,06,544 3 3	4,062 1 10	1,06,379 6 8	1,10,441 8 6	3,897 5 3	..
Southern Circle.	Coimbatore, South ..	..	1,64,402 4 4	1,64,402 4 4	3,141 5 10	1,67,036 13 7	1,70,178 3 5	5,775 15 1	..
Southern Circle.	Madura	..	78,010 15 9	78,010 15 9	537 7 1	81,079 7 5	81,616 14 6	3,605 14 9	..
Southern Circle.	Tinnevelly	..	53,866 14 1	53,866 14 1	1,618 3 8	53,346 5 2	54,964 8 10	1,097 10 9	..
Southern Circle.	Malabar, North	..	73,611 4 3	73,611 4 3	2,999 12 4	73,533 6 5	76,533 2 9	2,921 14 6	..
Southern Circle.	Malabar, South	..	64,425 14 5	64,425 14 5	1,066 1 10	64,396 13 10	65,462 15 8	1,037 1 3	..
Southern Circle.	Canara, South	..	63,585 12 0	63,585 12 0	816 2 3	63,804 2 6	64,620 4 9	1,034 8 9	..
	Total ..	..	6,85,150 6 6	6,85,150 6 6	16,625 3 4	6,90,188 8 0	7,06,813 11 4	21,663 4 10	..
	Grand Total ..	..	22,97,665 15 4	22,97,665 15 4	66,188 9 11	23,13,330 2 11	23,79,518 12 10	81,852 13 6	..

Madras,
30th August 1907.

E. S. Hensman,
Chief Superintendent.

Annual Form No. 61.

Forest Department, Madras Presidency.

Revenue received and Outstandings on account of Revenue during the Forest year 1906–1907.

District.	Particulars.	Outstandings at commencement of year. RS. A. P.	Value of sales and other revenue during year. RS. A. P.	Total. RS. A. P.	Amount realized during year. RS. A. P.	Outstandings at the end of year. RS. A. P.
Northern Circle.						
Direction	Timber and other forest produce.	..	932 0 0	932 0 0	932 0 0	..
Ganjám	Do. do.	239 8 0	46,291 8 0	46,531 0 0	46,527 0 0	4 0 0
Vizagapatam	Do. do.	67 8 0	44,823 0 0	44,890 8 0	44,823 0 0	67 8 0
Gódávari, Lower.. ..	Do. do.	1,840 8 0	1,22,838 5 4	1,24,678 13 4	1,23,125 0 0	1,553 13 4
Do. Upper.. ..	Do. do.	..	46,554 6 9	46,554 6 9	46,504 0 0	50 6 9
Kistna	Do. do.	699 15 2	77,558 12 7	78,258 11 9	77,510 0 0	748 11 9
Guntúr	Do. do.	1,454 10 10	1,67,656 3 6	1,69,110 14 4	1,67,702 0 0	1,408 14 4
Kurnool, East	Do. do.	100 0 0	1,49,936 12 6	1,50,036 12 6	1,49,593 0 0	443 12 6
Kurnool, West	Do. do.	321 3 1	1,91,931 0 8	1,92,252 3 9	1,91,965 0 0	287 3 9
Bellary	Do. do.	5,589 1 0	2,28,121 13 0	2,33,710 14 0	1,73,540 0 0	60,170 14 0
Anantapur	Do. do.	28,339 8 0	1,66,606 4 0	1,94,945 12 0	1,06,420 0 0	88,525 12 0
	Total ..	38,651 14 1	12,43,250 2 4	12,81,902 0 5	11,28,641 0 0	1,53,261 0 5
Central Circle.						
Direction	Timber and other produce.	..	..	..	..	..
Cuddapah, North ..	Do. do.	75 1 8			50,191 0 0	3,010 1 7
Do. South.. ..	Do. do.	3,468 1 3	2,47,838 5 5	2,55,521 13 4	88,706 0 0 (a) + 19 4 0	15,734 15 9
Do. East	Do. do.	4,140 5 0			95,482 0 0 (b)+ 136 8 0	2,242 0 0
Nellore	Do. do.	11,888 14 9	1,95,134 8 6	2,07,023 7 3	1,91,006 0 0 (c)+ 1 0 0	16,016 7 3
Chingleput	Do. do.	1,957 3 4 (d)— 136 0 0	48,573 14 11	50,395 2 3	49,588 0 0	807 2 3
North, Arcot	Do. do.	16,817 3 2	2,38,052 9 11	2,54,869 13 1	2,27,553 0 0	27,316 13 1
South, Arcot	Do. do.	9,967 5 5	1,46,927 3 0	1,56,894 8 5	1,50,994 0 0	5,900 8 5
Tanjore	Do. do.	2,878 10 6	36,513 5 6	39,392 0 0	36,091 0 0	3,301 0 0
Trichinopoly	Do. do.	19,041 1 4	1,21,990 7 8	1,41,031 9 0	1,28,961 0 0	12,070 9 0
Salem, North	Do. do.	3,901 2 10	1,58,508 15 3	1,62,410 2 1	1,43,948 0 0	18,462 2 1
Salem, South	Do. do.	4,504 1 0	1,53,846 3 4	1,58,350 4 4	1,45,754 0 0	12,596 4 4
	Total ..	78,639 2 3 — 136 0 0	13,47,385 9 6	14,25,888 11 9	13,08,274 0 0 + 156 12 0	1,17,457 15 9
Southern Circle.						
Direction	Timber and other forest produce.	..	10,991 0 0	10,991 0 0	10,981 0 0 (g)+ 10 0 0	..
Canara, South	Do. do.	17,755 10 5	97,920 2 8	1,15,675 13 1	1,08,087 0 0 (h)+ 14 4 7	7,574 8 6
Malabar, North	Do. do.	4,679 8 0	48,823 2 0	53,502 10 0	42,341 0 0 (g) + 4,059 0 0	7,102 10 0
Do. South	Do. do.	4,613 15 11	1,61,347 1 4	1,65,961 1 3	1,47,848 0 0 (g) + 5,042 0 0	13,071 1 3
Nilgiris, The .. .	Do. do.	1,514 2 1	60,582 1 5	62,096 3 6	60,475 0 0	1,621 3 6
Coimbatore, North ..	Do. do.	570 6 6	1,54,923 15 1	1,55,494 5 7	1,41,125 0 0 (g)+ 10,445 0 0	3,924 5 7
Do. South ..	Do. do.	10,563 14 7 (e)— 100 0 0	1,85,027 9 7	1,95,491 8 2	1,73,091 0 0 (g) + 4,118 0 0 (i) + 1,417 5 4	16,865 2 10
Madura	Do. do.	6,741 2 4 (f)— 51 15 3	1,95,300 4 9	2,01,989 7 10	1,93,013 0 0 (j) + 26 4 9	8,950 3 1
Tinnevelly	Do. do.	12,227 7 10	1,18,731 10 6	1,30,959 2 4	1,11,741 0 0	19,218 2 4
	Total ..	58,666 3 8 —151 15 3	10,33,646 15 4	10,92,161 3 9	9,88,702 0 0 + 25,131 14 8	78,327 5 1
	Grand Total ..	1,75,957 4 0 —287 15 3	36,24,282 11 2	37,99,951 15 11	34,25,617 0 0 +25,288 10 8	3,49,046 5 3

(a) and (b) Written off in Government Order, No. 774, Revenue, dated 14th August 1906, communicated in Board's Proceedings, No. 231, dated 20th August 1906.

(c) Written off in Government Order, No. 1248, Revenue, dated 20th December 1906, communicated in Board's Proceedings, No. 15, dated 8th January 1907.

(d) Deduction due to cancellation of contract.

(e) Collected in previous year but erroneously not shown.

(f) Deduction on account of cancellation of lease, etc.

(g) Revenue credited in the accounts of the Central circle, etc.

						RS. A. P.
(h)	Written off the accounts in Government Order,	No. 360,	Revenue,	dated 14th February 1907	.. .. ..	12 7 0
	Do. do.	No. 1248	do.	20th December 1906	.. .. ..	1 13 7
(i)	Do. do.	No. 1229	do.	21st May 1907.		
(j)	Do. do.	No. 428	do.	14th May 1906.		

ANNUAL FORM No. 62.

Forest Department, Madras Presidency.

FINANCIAL Results of the year 1906–1907.

Districts.	Timber and other produce removed from the forests by Government Agency.		Other revenue.		Formation, protection and improvement of forests.	Total.	
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.
Northern Circle.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjám	6,350	8,662	40,181	29,507	63,110	46,531	1,01,279
Vizagapatam	(a) 16,792	15,144	30,301	22,694	15,774	47,093	53,612
Gódávari, Lower ..	31,658	17,631	91,473	41,438	28,476	1,23,131	87,545
Gódávari, Upper ..	2,366	2,206	44,142	24,197	18,168	46,508	44,571
Kistna	22,785	17,079	54,730	17,761	22,060	77,515	56,900
Guntúr	37,482	23,200	1,30,230	23,290	26,004	1,67,712	72,494
Kurnool, East	1,02,151	67,025	47,450	43,088	38,823	1,49,601	1,48,936
Do. West.. ..	1,10,068	74,827	81,907	50,250	56,336	1,91,975	1,81,413
Bellary	47,497	40,142	1,26,053	44,289	53,403	1,73,550	1,37,834
Anantapur	12,641	11,429	(b) 93,826	30,230	23,067	1,06,467	64,726
Total ..	3,89,790	2,77,345	7,40,293	3,26,744	3,45,221	† 11,30,083	9,49,310 * + 2,480
Central Circle.							
Cuddapah, East ..	26,223	10,950	69,259	27,312	15,398	95,482	53,660
Do. South ..	1,477	2,722	87,229	15,207	8,942	88,706	26,871
Do. North ..	15,563	11,942	34,628	14,932	10,317	50,191	37,191
Nellore	48,988	44,396	1,42,018	24,199	32,072	1,91,006	1,00,667
Chingleput	16,974	13,859	32,614	13,548	15,567	49,588	42,974
Arcot, North	88,745	44,167	1,38,808	33,524	43,451	2,27,553	1,21,142
Do. South	4,279	6,262	1,46,715	26,459	31,823	1,50,994	64,544
Salem, North	74,606	56,578	69,342	16,849	19,573	1,43,948	93,000
Do. South	51,293	54,893	94,461	27,551	28,499	1,45,754	1,10,943
Trichinopoly	59,495	48,826	69,466	23,181	19,778	1,28,961	91,785
Tanjore	12,571	5,525	23,520	5,078	3,855	36,091	14,458
Total ..	4,00,214	3,00,120	9,08,060	2,27,840	2,29,275	13,08,274	7,57,235 * + 8,428
Southern Circle.							
Canara, South	44,582	51,628	63,526	10,222	20,241	1,08,108	82,091
Malabar, North ..	32,566	‡ 76,967	13,855	995	35,896	46,421	1,13,858
Do. South.. ..	1,40,145	44,171	15,016	351	27,891	1,55,161	72,413
Nilgiris, The	36,540	56,753	23,955	4,351	40,017	60,495	1,01,121
Coimbatore, North ..	67,925	78,419	83,665	6,925	40,611	1,51,590	1,25,955
Do. South ..	1,31,499	1,31,691	54,307	8,638	37,210	1,85,806	1,77,539
Madura	70,330	84,109	1,22,703	5,668	42,688	1,93,033	1,32,465
Tinnevelly	9,614	14,034	1,02,148	7,292	42,345	1,11,762	63,671
Total ..	5,33,201	5,37,772	4,79,175	44,442	2,86,899	10,12,376	8,69,113
Grand Total ..	13,23,205	11,15,237	21,27,528	5,99,026	8,61,395	34,50,733	25,86,566

* Refunds and Drawbacks.

† This includes Rs. 932 shown under Direction in Form No. 59; of which, Rs. 824 (a) belongs to Vizagapatam, Rs. 40, (b) to Anantapur and Rs. 68 which was collected in the Direction office was distributed to the several districts proportionately.

‡ Includes capture and keep of elephants.

Annual Form No. 63.

Forest Department, Madras Presidency.

Statement of Elephants during the year 1906–1907.

Part I.

Elephants in possession of the Reporting Officers throughout the year.

District.	Names.	When purchased or otherwise obtained by Government.	Cost of monthly keep including servants and food. (RS. A. P.)	Remarks.
1	2	3	4	5
Ganjám	Mahabat Pyari	Purchased from the Ganjám Agency in May 1906.	45 7 11	....
Vizagapatam	Ethel	Transferred from the Southern Circle on 3rd December 1907.	62 12 0	....
Gódávari, Upper.	Surat Pari	Purchased in November 1894 at Sonepur fair.	70 8 5	....
Kurnool, West	Byragi Pyari		49 8 2	....
Canara, South	1. Mohidin Khan.	Transferred from North Malabar on 3rd September 1897.	54 9 0	....
	2. Padmini		54 1 8	....
	3. Chamundi	Transferred from North Malabar on 10th September 1900.	48 13 4	....
Malabar, North	1. Peri	Captured in April 1889	47 14 1	....
	2. Sivaji	Do. in February 1900	63 15 8	....
	3. Isabella	Do. in do. 1898	49 6 8	....
	4. Phyllis	Purchased in January 1878	59 13 3	....
	5. Jhelum	Captured in June 1902	45 15 7	....
	6. Kalyani	Purchased in October 1889	60 3 5	....
	7. Dosti-Jehan	Born in February 1902	30 2 10	....
	8. Port Arthur	Captured on February 1905	31 4 2	....
	9. Togo	Do. on 19th June 1905	27 7 0	....
	10. Kuroki	Do. on 19th Febrauary 1905	43 1 10	....
	11. Krishnan	Do. on 3rd March 1896	52 11 7	....
	12. Kesavan	Do. on 11th February 1905	45 5 0	....
	13. Agnes	Do. on 11th March 1906	44 1 0	....
	14. Hanuman	Do. on 21st February 1905	44 0 2	....
	15. Nethravathi	Do. do.	44 0 4	....
	16. Norah	Do. on 11th March 1906	39 4 7	....
	17. Charlie	Do. do.	23 7 2	....
	18. Morris	Do. do.	23 14 5	....
	19. Percy	Do. on 27th March 1906	39 1 7	....
	20. King	Do. on 9th April 1906	43 7 2	....
	21. Hecter	Do. on 13th do.	31 4 0	....
	22. Helen	Do. on 12th do.	54 13 0	....
	23. Henry	Do. in 13th March 1906	24 0 3	....
	24. Borneo	Born on 20th January 1905	23 13 3	....
	25. Princess	Presented by the Mysore Darbar on 9th April 1906.	49 1 3	....
	26. Ranger	Captured on 17th March 1906	46 0 3	....
	27. Maree	Do. on 20th do.	44 11 11	....
	28. Forester	Do. on 15th do.	31 5 10	....
	29. Hyder Ali	Do. on 12th do.	32 12 7	....
	30. Madhavan	Do. on 12th do.	32 12 7	....
	31. Ruby	Do. on 21st February 1906	26 14 3	....
	32. Harry	Born to Helen on 10th May 1906	25 9 11	....
Malabar, South	1. Vixen	Transferred from Wynaad in 1882	64 10 2	....
	2. Peyru		73 10 3	....
	3. Maharajan	Do. in 1888	55 12 9	....
	4. Jupiter	Captured in January 1887	54 11 2	....
	5. Gordon	Do. in February 1889	55 3 2	....
	6. Chaman Pyree.	Tansferred from the Military Department in April 1903.	78 4 7	....
	7. Lydia		70 7 10	....
	8. Samson	Purchased from Mr. Morgan in 1885	58 9 0	....
	9. Theebaw	Captured in January 1886	58 12 9	....
	10. Nurmahal	Transferred from Wynaad in November 1898.	44 12 1	....
	11. Bhagavathi	Captured in June 1904	30 11 8	....
	12. Lakshmi	Transferred from South Coimbatore on 19th July 1905.	32 10 7	....
	13. Meenatchi		32 7 10	....
	14. Kitty		32 9 2	....
	15. Loo		45 11 7	....
	16. George	Captured in February 1906	40 5 10	....
	17. Dorothy	Do. in March 1906	34 11 4	....
	18. Hugh	Do. do.	40 2 0	....

Statement of Elephants during the year 1906-1907—*cont.*

PART I—*cont.*

Elephants in possession of the Reporting officers throughout the year—cont.

District.	Names.	When purchased or otherwise obtained by Government.	Cost of monthly keep, including servants and food.	Remarks.
1	2	3	4	5
Nilgiris, The.	1. Dodda Lakshmi.*	Transferred from the Anamalais on 30th January 1882.	23 14 8	* Died on 11th April 1907.
	2. Chic Lakshmi	(Transferred from the Anamalais on 30th January 1882.)		....
	3. Jempyaree	Transferred from Nilambur on 23rd June 1903.		....
	4. Bessie (calf)	Born on 3rd July 1899 ..		Transferred to Nilambur on 18th October 1906.
	5. Jessie (calf)	Do. on 20th October 1903 ..		(Transferred to Nilambur on 18th October 1906.)
Coimbatore, South.	1. Lala Meah	Transferred from North Malabar on 20th June 1902.	44 14 0	....
	2. Akbar Baksh	Transferred from the Nilgiris on 25th July 1899.		....
	3. Seetha	Transferred from North Malabar on 20th June 1902.		....
	4. Parvathi	Transferred from Public Works Department on 3rd April 1901.		....
	5. Zehara	Transferred from the Nilgiris on 25th July 1899.		....
	6. Kunjunni	Transferred from Public Works Department on 3rd April 1901.		....
	7. Bukto	Transferred from North Malabar on 20th June 1902.		....
	8. Nurjehan	Transferred from North Malabar on 26th June 1903.		....
	9. Sutlej	Transferred from North Malabar on 20th December 1903.		....
	10. Eva	Transferred from North Malabar on 8th August 1904.		....
	11. Hercules	(Transferred from North Malabar on 8th August 1904.)		....
	12. Bob	Captured on 14th August 1904.		....
	13. Phyllis II	Do. on 12th do.		....
	14. Marudu	Do. on 14th do.		....
	15. Balfour	Do. on 12th August 1905.		....

Statement of Elephants during the year 1906-1907—*cont.*

PART II.

Elephants received in the year.

District.	Names.	When purchased or otherwise obtained by Government.	Cost of keep, including servants and food.	Remarks.
1	2	3	4	5
			RS. A. P.	
North Malabar.	1. Abdul Rahiman.	Captured in April 1900 ..	354 1 6	These elephants were sent to North Coimbatore on 13th August 1906 and theyreturned on 15th January 1907.
	2. Emily	Do. in June 1899 ..	408 3 11	
	3. Meenakshi	Transferred from the Nilgiris in July 1899.	354 2 8	
	4. Bessie	Transferred from the Nilgiris on 18th October 1906.	359 10 2	....
	5. Jessie	Transferred from the Nilgiris on 18th October 1906.	211 0 6	....
	6. Amir	Captured on 11th April 1907.	41 1 5	....
	7. Reggie	Do. do.	41 1 5	....
	8. Lassie	Do. on 19th April 1907.	35 11 10	....
	9. Hilda	Do. on 20th April 1907.	47 11 7	....
	10. Duke	Do. do.	35 11 10	....
	11. Lily	Do. on 28th April 1907.	41 5 3	....
	12. Anny	Do. do.	41 5 3	....
	13. John	Do. do.	31 14 5	....
	14. Don	Do. do.	26 4 11	....
	15. Laddie	Do. do.	26 4 11	....
	16. Donna	Do. do.	26 4 11	....
	17. Shanker	Do. on 21st May 1907.	20 5 7	....
	18. Ganga	Do. on 30th May 1907.	10 13 4	....
	19. May	Do. on 31st May 1907.	9 10 0	....
	20. Elsie	Do. do.	15 5 7	....
	21. Etona	Do. on 3rd June 1907.	11 2 1	....
	22. Janaki	Do. on 12th June 1907.	5 14 11	....
South Malabar.	1. Frank	Captured in October 1906 ..	326 12 4	....
	2. Joy	Do. do.	245 3 8	....
	3. Donald	Do. in January 1907 ..	159 8 4	....
South Coimbatore.	1. Sirdar	Captured on 7th August 1906.	449 5 11	....
	2. Karthiyayani	Do. on 30th August 1906.	443 13 1	....
	3. Doddamari	Do. on 11th October 1906.	400 5 3	....
	4. Tippu	Transferred from South Malabar on 23rd August 1906.	115 10 6	....
	5. Juno	Do. do.	465 9 0	....

PART III.

Elephants gone off the list during the year.

District.	Names.	When purchased or otherwise obtained by Government.	Cost of keep, including servants and food.	How disposed of.
1	2	3	4	5
			RS. A. P.	
North Malabar.	Herbert	Captured on 12th June 1906.	242 11 1	Died on 18th May 1907.
South Malabar.	1. Tippu	Captured in February 1893 ..	103 12 7	Transferred to South Coimbatore on 9th August 1906.
	2. Juno	Do. in February 1886 ..	114 13 10	
	3. Dodda Lakshmi	Transferred from the Nilgiris temporarily on account of anthrax breaking out there on 13th June 1906.	80 5 6	No. 3 retransferred to the Nilgiris on 8th September 1906 and Nos. 4 to 9 to the Nilgiris on 25th August 1906.
	4. Chic Lakshmi ..		66 13 1	
	5. Jempyaree		63 3 0	
	6. Beas		65 9 8	
	7. Ravi		49 0 10	
	8. Bessie		52 8 3	
	9. Jessie		14 3 8	
	10. Ella	Captured in January 1905 ..	471 2 0	Died on 25th May 1907.
The Nilgiris.	1. Dodda Lakshmi.	Transferred from the Anamalais on 30th January 1882.	379 0 7	Died on 11th April 1907.
	2. Beas	Transferred from the Anamalais on 15th March 1905.	260 12 4	Died on 25th November 1906.
South Coimbatore.	Tippu	Transferred from South Malabar on 23rd August 1906.	115 10 6	Died on 4th November 1906.

ANNUAL FORM

Forest Department,

ABSTRACT showing the Value of Live-stock,

Districts.	Surveying, etc., instruments. On hand at the commencement of the year. Number.	Surveying, etc., instruments. On hand at the commencement of the year. Value.	Surveying, etc., instruments. On hand at the close of the year. Number.	Surveying, etc., instruments. On hand at the close of the year. Value.	Tools. On hand at the commencement of the year. Number.	Tools. On hand at the commencement of the year. Value.	Tools. On hand at the close of the year. Number.	Tools. On hand at the close of the year. Value.
1	2	3	4	5	6	7	8	9
Northern Circle.		RS.		RS.		RS.		RS.
Direction	49	455	61	509	12	6	12	4
Ganjám	89	866	84	882	531	746	543	749
Vizagapatam	38	557	38	527	336	155	407	186
Upper Gódávari	34	342	34	314	560	687	682	744
Lower Gódávari	132	1,096	95	654	1,180	2,220	605	2,094
Kistna	46	735	49	701	194	346	254	2,429
Guntúr	52	1,282	68	1,204	257	568	304	805
Kurnool, East	87	1,020	106	1,294	1,275	2,797	1,548	3,284
Do. West	142	765	133	725	858	1,095	1,330	1,423
Bellary	76	420	95	671	292	171	292	152
Anantapur	67	431	75	428	420	1,074	577	1,463
Total, Northern Circle ..	812	7,969	838	7,909	5,915	9,865	6,554	13,333
Central Circle.								
Direction	57	1,037	56	939	6	8	6	7
Cuddapah	118	943	83	746	412	858	267	636
Nellore	104	1,058	111	1,021	2,315	1,047	2,407	3,546
Chingleput	50	410	53	421	647	720	668	1,457
North Arcot	179	1,102	179	1,102	{ 2,297 cwt. 33 }	2,761	{ 2,330 cwt. 33 }	4,792
South do.	90	711	90	705	56	30	68	34
North Salem	118	959	122	904	735	959	1,409	2,870
South do.	122	913	116	894	1,075	1,278	1,286	2,142
Trichinopoly	49	472	50	581	321	244	502	359
Tanjore	25	141	26	138	42	19	66	32
Total, Central Circle ..	912	7,746	886	7,451	{ 7,906 cwt. 33 }	7,924	{ 9,009 cwt. 33 }	15,875
Southern Circle.								
Direction	54	1,060	70	2,221	15	54	17	70
South Canara	212	595	211	538	452	442	520	516
North Malabar	56	915	49	354	746	518	801	1,012
South do.	53	603	52	475	465	317	445	252
The Nilgiris	114	968	114	874	686	978	613	1,189
North Coimbatore	69	783	71	842	913	1,437	5,852	4,470
South do.	88	631	92	629	2,557	6,261	2,707	9,216
Madura	116	1,540	118	1,442	681	647	661	480
Tinnevelly	124	658	131	689	453	528	456	617
Forest Training School, Coimbatore	108	1,106	135	1,169	113	170	110	171
Total, Southern Circle ..	994	8,859	1,043	9,233	7,081	11,352	12,182	17,993 {
Grand Total, Presidency ..	2,718	24,574	2,767	24,593	{ 20,902 cwt. 33 }	29,141	{ 27,745 cwt. 33 }	47,201

No. 64.

Madras Presidency.

Stores, Tools and Plant for 1906–1907.

Machinery				Furniture				Building materials, small stores, tents, boats, etc.			
On hand at the commencement of the year.		On hand at the end of the year.		On hand at the commencement of the year.		On hand at the close of the year.		On hand at the commencement of the year.		On hand at the close of the year.	
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
10	11	12	13	14	15	16	17	18	19	20	21
	RS.		RS.		RS.		RS.		RS.		RS.
..	..	..	..	125	725	148	894	20	1,334	20	1,224
..	..	..	..	411	2,356	412	2,460	..	..	..	..
..	..	..	..	282	740	217	914	109	1,487	123	2,034
..	..	..	..	197	1,292	223	823	9	820	9	807
1	4,388	2	4,600	611	2,618	415	1,574	22	2,397	13	1,511
..	..	..	..	142	400	168	503	3	1,177	3	1,148
..	..	..	..	223	1,194	237	1,128	7	2,944	8	3,070
..	..	..	..	149	1,001	147	933	90	4,068	112	4,466
19	1,692	21	2,274	204	1,027	1,538	1,893	16	1,920	26	2,031
1	280	3	880	175	904	214	1,087	18	2,231	20	2,330
..	..	..	..	382	1,572	411	1,673	6	662	5	925
21	6,360	26	7,754	2,901	13,829	4,130	13,882	300	19,040	339	19,546
..	..	..	..	141	528	157	615	8	384	8	373
1	27	1	26	239	1,005	179	1,163	21	1,513	12	1,100
46,156	26,733	46,486	24,800	246	1,756	272	1,925	10	963	10	943
..	..	..	..	262	1,043	267	1,057	8	791	8	791
32	384	27	397	893	2,416	895	2,420	19	1,744	19	1,744
5	114	9	792	204	1,038	237	1,290	14	1,139	17	1,192
..	..	..	..	187	1,117	189	1,114	108	1,071	354	1,018
5	198	11	1,271	396	1,382	437	2,480	22	1,823	22	1,646
..	..	..	..	236	907	240	1,044	12	1,030	12	935
..	..	..	..	62	420	67	567	1	230	1	220
46,199	27,456	46,534	27,286	2,866	11,612	2,940	13,675	223	10,688	463	9,962
..	..	..	..	245	1,541	253	1,687	8	583	8	554
..	..	..	..	233	1,246	259	1,291	14	1,189	14	1,070
..	..	..	..	182	531	182	379	4	390	4	342
1	17	1	17	163	1,112	167	1,066	3	107	3	96
1	120	1	110	237	1,507	331	1,584	7	694	6	627
..	..	..	..	400	1,592	403	1,715	120	1,245	120	1,503
460	8,654	462	8,682	475	1,921	523	2,028	17	1,164	17	1,106
9	582	9	508	559	2,137	603	2,191	1,333	1,822	1,340	1,758
..	..	..	..	664	2,608	690	2,955	..	..	..	..
..	..	..	..	60	679	64	626	12	1,715	12	1,512
471	9,373	473	9,317	3,218	14,874	3,475	15,522	1,518	8,909	1,524	8,568
46,691	43,189	47,033	44,357	8,985	40,315	10,545	43,079	2,041	38,637	2,326	38,076

Abstract showing the Value of Live-stock,

Districts.	Buildings				Live-stock			
	On hand at the commencement of the year.		On hand at the close of the year.		On hand at the commencement of the year.		On hand at the close of the year.	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
	22	23	24	25	26	27	28	29
Northern Circle.		RS.		RS.		RS.		RS.
Direction	..	..	..	..	2	35	2	70
Ganjám	50	14,994	54	16,266	..	..	..	..
Vizagapatam	52	6,375	53	6,056	1	Not known.	1	Not known.
Upper Gódávari	66	24,501	72	26,585	1	900	1	900
Lower do.	130	34,802	110	16,819	1	900	..	..
Kistna	27	2,725	35	2,730	..	..	..	..
Guntúr	50	10,019	54	9,669	..	..	..	..
Kurnool, East	53	9,354	60	21,030	71	3,607	76	3,650
Do. West	69	35.876	81	45,028	2	1,600	1	1,600
Bellary	27	4,220	33	7,227	95	3,575	93	3,500
Anantapur	20	21,135	23	24,175	..	..	..	..
Total, Northern Circle ..	544	1,64,001	575	1,75,585	173	10,617	174	9,720
Central Circle.								
Direction	..	..	..	..	..	..	..	..
Cuddapah	129	21,215	71	11,447	2	56	..	..
Nellore	15	15,478	16	16,467	..	..	..	..
Chingleput	34	8,955	39	9,549	..	..	..	..
North Arcot	96	30,115	105	30,295	..	..	..	..
South do.	41	18,749	46	19,585	..	..	..	..
North Salem	33	16,400	36	16,580	..	..	..	..
South do.	23	11,435	29	11,933	..	..	..	..
Trichinopoly	9	3,043	13	3,455	..	..	..	..
Tanjore	5	358	3	400	..	..	..	..
Total, Central Circle ..	385	1,25,748	358	1,19,711	2	56	..	..
Southern Circle.								
Direction	..	..	..	..	..	..	2	50
South Canara	45	25,377	58	24,491	64	10,337	64	10,337
North Malabar	46	18,067	48	16,686	76	64,853	132	92,695
South do.	36	32,298	38	30,677	50	36,391	49	34,670
The Nilgiris	87	10,576	93	15,091	43	8,960	38	5,850
North Coimbatore	71	30,127	73	29,845	..	..	..	..
South do.	94	30,245	98	28,733	120	30,124	123	33,539
Madura	60	36,798	63	33,141	..	..	..	..
Tinnevelly	70	31,136	72	35,525	..	..	..	..
Forest Training School, Coimbatore	..	..	..	..	..	..	..	..
Total, Southern Circle ..	509	2,14,624	543	2,14,189	353	1,50,665	408	1,77,141
Grand Total, Presidency ..	1,438	5,04,373	1,476	5,09,485	528	1,61,338	582	1,86,861

Stores, Tools and Plant for 1906-1907—*cont.*

Miscellaneous				Total.					
On hand at the commencement of the year.		On hand at the close of the year.		On hand at the commencement of the year.		On hand at the close of the year.		Difference in value-	
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	In favour of the year.	Against the year.
30	31	32	33	34	35	36	37	38	39
	RS.		RS.		RS.		RS.	RS.	RS.
6	79	9	68	214	2,634	252	2,769	135	..
..	..	..	..	1,081	18,962	1,093	20,357	1,395	..
352	705	256	405	1,170	10,019	1,095	10,122	103	..
172	189	177	169	1,039	28,731	1,158	30,342	1,611	..
552	3,851	298	5,216	2,629	52,272	1,538	32,468	..	19,804
7	1,956	7	1,885	419	7,339	516	9,396	2,057	..
..	..	..	..	589	16,007	671	15,876	..	131
1,027	522	1,030	928	2,752	22,369	3,079	35,585	13,216	..
1,821	1,488	510	2,635	3,131	45,463	3,640	57,609	12,146	..
392	1,803	436	2,616	1,076	13,604	1,186	18,463	4,859	..
..	..	..	..	895	24,874	1,091	28,664	3,790	..
4,329	10,593	2,723	13,922	14,995	2,42,274	15,359	2,61,651	19,377	..
94	346	202	347	306	2,303	429	2,281	..	22
291	323	154	163	1,213	25,940	767	15,281	..	10,659
420	5,121	541	5,030	49,266	52,156	49,843	53,732	1,576	..
..	..	..	..	1,001	11,919	1,035	13,275	1,356	..
..	..	..	..	3,516 cwts. 33	38,522	3,555 cwts. 33	40,750	2,228	..
948	539	1,029	640	1,358	22,320	1,496	24,238	1,918	..
677	440	707	462	1,858	20,946	2,817	22,948	2,002	..
..	..	..	..	1,643	17,029	1,901	20,366	3,337	..
2,194	820	896	1,384	2,821	6,516	1,713	7,758	1,242	..
212	104	88	96	347	1,272	251	1,453	181	..
4,836	7,693	3,617	8,122	63,329 cwts. 33	1,98,923	63,807 cwts. 33	2,02,082	3,159	..
455	973	552	1,008	777	4,211	902	5,590	1,379	..
637	6,902	701	8,431	1,657	46,088	1,827	46,674	586	..
20	1,630	35	2,709	1,130	86,904	1,251	1,14,177	27,273	..
302	1,667	421	1,497	1,073	72,512	1,176	68,750	..	3,762
112	167	157	311	1,287	23,970	1,353	25,636	1,666	..
181	321	1,508	1,113	1,754	35,505	8,027	39,488	3,983	..
448	3.464	453	3,400	4,259	82,464	4,475	87,333	4,869	..
..	..	..	..	2,758	43,526	2,794	39,520	4,856	..
..	..	..	..	1,311	34,930	1,349	39,786	..	4,006
26	23	33	28	319	3,693	354	3,506	..	187
2,181	15,147	3,860	18,497	16,325	4,33,803	23,508	4,70,460	36,657	..
11,346	33,433	10,200	40,541	94,649 cwts. 33	8,75,000	1,02,674 cwts. 33	9,34,193	59,193	..

Form No. 65.

Statement showing the results of transport of wood by tramway.

Forest Department, Madras, Northern Circle.

I.—Gódávari District.

Capital Account, 1906–1907.

—	1905–1906.	1906–1907.	—	1905–1906.	1906–1907.
Dr.	RS. A. P.	RS. A. P.	*Cr.*	RS. A. P.	RS. A. P.
To balance of the previous year	4,668 0 0	4,388 0 0	By depreciation at 6 per cent.	280 0 0	263 0 0
			,, balance of stock	4,388 0 0	4,125 0 0
Total ..	4,668 0 0	4,388 0 0	Total ..	4,668 0 0	4,388 0 0

Revenue Account, 1906–1907.

—	1905–1906.	1906–1907.	—	1905–1906.	1906–1907.
Dr.	RS. A. P.	RS. A. P.	*Cr.*	RS. A. P.	RS. A. P.
To improvements	..	..	By balance written off ..	772 0 0	921 0 0
,, repairs	..	18 0 0			
,, conveyance charges ..	241 0 0	428 0 0			
,, road-making	44 0 0	36 0 0			
,, interest at 4 per cent. ..	187 0 0	175 0 0			
,, depreciation at 6 per cent.	280 0 0	263 0 0			
,, working expenses ..	20 0 0	1 0 0			
Total ..	772 0 0	921 0 0	Total ..	772 0 0	921 0 0

Capital Account, 1906–1907.

—	1905–1906.					1906–1907.				
	Number of tons of wood carried.	Number of miles carried.	Total ton-miles.	Actual charge for carrying.	Rate per ton-mile.	Number of tons of wood carried.	Number of miles carried.	Total ton-miles.	Actual charge for carrying.	Rate per ton-mile.
				RS.	RS. A. P.				RS.	RS. A. P.
Work done ..	160 1,072 41/408	3/4 1	120 1,072 41/408	772	0 10 4	146 1,794	3/4 1	109½ 1,794	921	0 7 9
Total ..	1,232 41/408	..	1,192 41/408	772	0 10 4	1,940	..	1,903½	921	0 7 9

Revenue Account, 1906–1907.

—	1905–1906.			1906–1907.		
	Number of ton-miles.	Amount.	Rate per ton-mile.	Number of ton-miles.	Amount.	Rate per ton-mile.
		RS. A. P.	RS. A. P.		RS. A. P.	RS. A. P.
Actual charge of carrying	1,192 41/408	772 0 0	0 10 4	1,903½	921 0 0	0 7 9
Estimated charges by coolies ..		1,564 0 0	1 5 0		1,427 0 0	0 12 0

Year.	Profit.	Loss.
	RS.	RS.
1904–1905	..	328
1905–1906	792	..
1906–1907	506	..
Total ..	1,298	328
Deduct loss ..	328	..
Net profit ..	970	..

Statement showing the results of transport of wood by tramway—*cont.*

Forest Department, Madras, Central Circle.

II.—Nellore District.

(i) Sríharikóta Plantation.

Capital Account, 1906-1907.

—	1905-1906.	1906-1907.	—	1905-1906.	1906-1907.
Dr.	RS.	RS.	*Cr.*	RS.	RS.
To balance from the previous year ..	17,109	16,229	By depreciation at 6 per cent. ..	1,036	997
Add new stock	155	389	,, balance of stock	16,228	15,621
Total ..	17,264	16,618	Total ..	17,264	16,618

Revenue Account, 1906-1907.

—	1905-1906.	1906-1907.	—	1905-1906.	1906-1907.
Dr.	RS.	RS.	*Cr.*	RS.	RS.
To working expenses	1,779	1,985	By balance written off	4,432	4,650
,, road-making and repairs	830	701			
,, interest at 4 per cent.	691	665			
,, depreciation at 6 per cent. ..	1,036	997			
,, repairs to wagons	96	302			
Total ..	4,432	4,650	Total ..	4,432	4,650

—	1905-1906.					1906-1907.				
	Number of tons of wood carried.	Number of miles carried.	Total ton-miles.	Actual charge for carrying.	Rate per ton-mile.	Number of tons of wood carried.	Number of miles carried.	Total ton-miles.	Actual charge for carrying.	Rate per ton-mile.
				RS.	RS. A. P.				RS.	RS. A. P.
Work done	6,425	4½	28,912½	4,432	0 2 5	6,285	4½	28,282½	4,650	0 2 7

—	1905-1906.			1906-1907.		
	Number of ton-miles.	Amount.	Rate per ton-mile.	Number of ton-miles.	Amount.	Rate per ton-mile.
		RS.	RS. A. P.		RS.	RS. A. P.
Actual charge for carrying	28,912½	4,432	0 2 5	28,282½	4,650	0 2 7
Estimated charges by coolies		37,953	1 5 0		37,121	1 5 0

ABSTRACT.

	RS.
Net profit up to the end of 1905-1906	3,30,979
Add profit for 1906-1907	32,471
Total ..	3,63,450

Statement showing the results of transport of wood by tramway—*cont.*

Forest Department, Madras, Central Circle—cont.

II.—Nellore District—cont.

(ii) Casuarina Plantation Range.

Capital Account.

—	1905–1906.	1906–1907.	—	1905–1906.	1906–1907.
Dr.	RS.	RS.	*Cr.*	RS.	RS.
To balance from the previous year.	16,623	15,632	By depreciation at 6 per cent.	998	945
Add new stock	7	128	,, balance of stock	15,632	14,815
Total ..	16,630	15,760	Total ..	16,630	15,760

Revenue Account.

—	1905–1906.	1906–1907.	—	1905–1906.	1906–1907.
Dr.	RS.	RS.	*Cr.*	RS.	RS.
To working expenses	9,757	1,018	By balance written off ..	11,492	2,732
,, road-making and repairs ..	66	82			
,, interest at 4 per cent. ..	665	630			
,, depreciation at 6 per cent. ..	998	946			
,, repairs for wagons	6	56			
Total ..	11,492	2,732	Total ..	11,492	2,732

—	1905–1906.					1906–1907.				
	Number of tons of wood carried.	Number of miles carried.	Total ton-miles.	Actual charge for carrying.	Rate per ton-mile.	Number of tons of wood carried.	Number of miles carried.	Total ton-miles.	Actual charge for carrying.	Rate per ton-mile.
				RS.	RS. A. P.				RS.	RS. A. P.
Work done	3,570	$\frac{30}{40}$	2,677$\frac{20}{40}$	11,492	0 13 11	2,946	2	5,892	2,732	0 1 3
	2,532	2$\frac{20}{40}$	6,330			7,091	3	21,273		
	2,302	1$\frac{20}{40}$	3,453			2,209	2$\frac{1}{2}$	5,522$\frac{1}{2}$		
	752	1	752			2,204	1	2,204		
	9,156	..	13,212$\frac{20}{40}$			14,450	..	34,891$\frac{1}{2}$		

—	1905–1906.			1906–1907.		
	Number of ton-miles.	Amount.	Rate per ton-mile.	Number of ton-miles.	Amount.	Rate per ton-mile.
		RS.	RS. A. P.		RS.	RS. A. P.
Actual charge of carrying	13,212$\frac{20}{40}$	11,492	0 13 11	34,891$\frac{1}{2}$	2,732	0 1 3
Estimated charges by coolies.. ..		17,341	1 5 0		45,795	1 5 0

	RS.
Net profit up to the end of 1905–1906	1,79,975
Add for 1906–1907	43,063
Net profit ..	2,23,038

Statement showing the results of transport of wood by tramway—*cont.*

Forest Department, Madras, Southern Circle.

III.—South Coimbatore District.

Capital Account.

—	1905–1906.	1906–1907.	—	1905–1906.	1906–1907.
Dr.	RS.	RS.	*Cr.*	RS.	RS.
To balance from the previous year ..	30,579	28,804	By depreciation at 6 per cent. ..	1,838	1,760
,, repairs of tram-trucks	63	142	,, balance of stock	28,804	27,577
,, cost of inspection trolly	..	148			
,, cost of diversion between Sangam	..	243			
and Anapadi.					
Total ..	30,642	29,337	Total ..	30,642	29,337

Revenue Account.

—	1905–1906.	1906–1907.	—	1905–1906.	1906–1907.
Dr.	RS.	RS.	*Cr.*	RS.	RS.
To working expenses	1,278	1,701	By balance written off	9,581	9,390
,, depreciation at 6 per cent. ..	1,838	1,760			
,, interest at 4 per cent.	1,226	1,174			
,, repairs to tram-line	859	245			
,, cost of feed and keep of bulls					
employed in tramming ..	4,380	4,510			
Total ..	9,581	9,390	Total ..	9,581	9,390

—	1905–1906.					1906–1907.				
	Number of tons of wood carried.	Number of miles carried.	Total ton-miles.	Actual charge for carrying.	Rate per ton-mile.	Number of tons of wood carried.	Number of miles carried.	Total ton-miles.	Actual charge for carrying.	Rate per ton-mile.
				RS.	RS. A. P.				RS.	RS. A. P.
Work done.	806 tons (32,240 c. ft.).	$5\frac{3}{4}$	4,634	9,581	1 4 0	$733\frac{1}{40}$ tons (29,401 c. ft.).	$5\frac{3}{4}$	4,226	9,390	1 4 5
	$446\frac{7}{40}$ tons (17,847 c. ft.).	$3\frac{3}{4}$	1,676			$515\frac{37}{40}$ tons (20,637 c. ft.).	$3\frac{3}{4}$	1,935		
	$359\frac{28}{40}$ tons (14,398 c. ft.).	$3\frac{3}{4}$	1,350			$316\frac{11}{40}$ tons (12,651 c. ft.).	$3\frac{3}{4}$	1,186		
Total ..	$1,611\frac{35}{40}$ tons (64,485 c. ft.).		7,660			$1,565\frac{9}{40}$ tons (62,689 c. ft.).		7,347		

—	1905–1906.			1906–1907.		
	Number of ton-miles.	Amount.	Rate per ton-mile.	Number of ton-miles.	Amount.	Rate per ton-mile.
		RS.	RS. A. P.		RS.	RS. A. P.
Actual charge of carrying	7,660	9,581	1 4 0	7,347	9,390	1 4 5
Estimated cost of carting	7,660	7,979	1 0 8	7,347	7,653	1 0 8
Actual cost of maintaining cart-road before the construction of tramway (now saved)	..	1,200	..	..	1,200	..
Cost of extension of road beyond Sangam (now saved)	..	310	..	..	310	..
Total estimated cost of carting ..	..	9,489	..	.	9,163	..
Loss ..	..	..	..	..	227	..
Add loss up to 1905-1906 ..	..	..	..	..	32,141	..
Total loss ..	..	..	..	..	32,368	..

ANNUAL FORM No. 72-A (OLD CODE).

Forest Department, Madras Presidency.

MONEY value of sales of timber, fuel and bamboos cut, collected and removed by Consumers or Purchasers during 1905–1906.

District.	Timber.	Firewood and charcoal.	Bamboos.	Money value of sale. Timber. Amount of sales.	Money value of sale. Timber. Amount actually realized during the year.	Money value of sale. Firewood and charcoal. Amount of sales.	Money value of sale. Firewood and charcoal. Amount actually realized during the year.	Money value of sale. Bamboos. Amount of sales.	Money value of sale. Bamboos. Amount actually realized during the year.
1	2	3	4	5	6	7	8	9	10
Northern Circle.	C. FEET.	C. FEET.	NO.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjám	278,291	425,812	913,947	14,000	15,053	5,174	5,174	3,591	3,591
Vizagapatam	66,621	125,726	940,244	3,996	3,996	2,045	2,055	7,886	7,866
Gódávari Upper	69,803	117,841	1,369,716	30,777	30,777	869	869	7,946	7,946
Do. Lower	191,979	198,371	5,291,956	16,286	16,286	7,054	7,054	22,426	22,426
Kistna	27,233	883,780	411,200	2,050	2,050	12,511	12,371	1,600	1,600
Guntúr	157,961	90,750	..	11,229	10,728	5,485	5,450	..	..
Kurnool, East	20	12,562	..	1	1	1,516	1,516	..	63
Do. West	67,020	89,937	..	6,121	6,121	7,132	7,995	..	..
Bellary	(a) 43,393	(a) 97,827	63,400	9,962	9,949	3,693	3,794	572	572
Anantapur	27,882	105,141	..	6,048	6,027	2,029	2,028	..	..
Total ..	930,203	2,147,747	8,990,463	1,00,470	1,00,988	47,508	48,306	44,021	44,064
Central Circle.									
Cuddapah, North	51,232	64,128	337,565	3,202	2,995	4,008	3,365	2,795	2,342
Do. East	14,333	92,787	677,640	3,388	2,787	3,783	4,299	4,470	4,900
Do. South	30,192	111,392	92,470	2,998	2,992	3,400	3,401	1,067	1,068
Nellore	51,711	417,107	323	5,597	5,544	38,066	3,013	20	20
Chingleput	19,626	51,116	470	1,514	1,514	3,310	4,247	83	83
North Arcot	97,788	715,054	5,518,166	7,795	7,882	12,405	12,506	28,749	28,750
South do.	98,668	600,499	10,909,424	11,712	11,712	50,283	46,585	3,553	3,553
North Salem	110,793	76,074	3,297,100	7,248	7,266	1,403	1,403	10,741	8,376
South do.	92,723	305,702	2,903,088	6,994	6,994	8,995	9,005	20,274	20,936
Trichinopoly	21,598	1,199,079	40,182	1.657	1,657	17,746	17,800	439	438
Tanjore	15,240	348,511	1,635	963	963	8,265	9,721	199	198
Total ..	603,904	3,981,449	23,778,063	53,068	52,306	1,51,664	1,15,345	72,390	70,664
Southern Circle.									
South Canara	35,682	913,807	75,378	3,930	3,930	14,295	14,066	1,142	1,142
North Malabar	147	1,555	12,312	780	780	24	24	199	199
South do.	22,877	..	23,400	4,637	3,858	..	..	422	410
The Nilgiris	2,140	11,148	106,253	868	868	2,633	2,633	1,872	1,872
North Coimbatore ..	(d) 129,326	150,387	111,678	5,414	5,448	5,041	5,043	7,406	7,055
South do.	7,425	117,410	..	4,624	1,815	1,546	4,563	12,212	8,105
Madura	61,531	586,348	(b) 78,402	9,263	9,263	31,918	27,777	2,550	2,550
Tinnevelly	46,932	685,854	2,550	1,670	1,434	51,228	51,636	(c) 1,017	650
Total ..	306,060	2,466,509	409,973	31,186	27,396	1,06,685	1,05,742	26,820	21,983
Grand Total, Presidency.	1,840,167	8,595,705	33,178,499	1,84,724	1,80,690	3,05,857	2,69,393	1,43,231	1,36,711
Grand Total, 1905–1906..	1,785,532	9,309,215	29,208,397	1,61,657	1,68,805	2,57,605	2,84,872	1,75,896	1,77,165

(a) The Collector's figures were 43,383 and 97,795. But the figures in form No. 55 have been adopted.
(b) The Collector has furnished figures in cubic feet in form No. 57 and in tons in form No. 72-A (old code). The number of bamboos is not known.
(c) Includes the value of 112 tons and 224 lb. of Ethacally.
(d) The Collector's figure was 12,886; but the figure in form No. 55 has been adopted.

N.B.—Columns 6, 8 and 10 includes arrear collections of revenue outstanding at the end of the previous year and are the audited figures of the Accountant-General as per Form No. 59. The figures in columns 5, 7 and 9 are those reported by the Collectors.

Annual Form No. 72-B (Old Code).

Forest Department, Madras Presidency.

Timber and other produce confiscated and sold during the year 1905–1906.

District.	Timber.		Firewood.		Bamboos.		Minor produce in value.	Total amount of sales.	Amount actually realized.
	Quantity in cubic feet.	Amount of sales.	Quantity in cubic feet.	Amount of sales.	Number.	Amount of sales.			
Northern Circle.		RS.		RS.		RS.	RS.	RS.	RS.
Ganjám	2,477	327	282	10	1,126	5	1	343	462
Vizagapatam ..	648	38	98	2	..	..	10	50	50
Gódávari, Upper ..	5,470	556	..	..	..	..	..	556	556
Do. Lower ..	5,197	2,954	310	20	416	1	1	2,976	2,976
Kistna	(a) ..	61	(a) ..	15	(a) ..	1	35	112	112
Guntúr	240	93	272	19	16	1	12	125	125
Kurnool, East ..	596	253	593	14	316	5	26	298	(b) 302
Do. West ..	1,649	431	547	71	1,352	17	60	579	581
Bellary	10	28	32	1	..	..	40	69	69
Anantapur	..	..	..	..	..	..	143	143	143
Total ..	16,287	4,741	2,134	152	3,226	30	328	5,251	5,376
Central Circle.									
Cuddapah, North ..	154	122	600	35	450	10	6	173	194
Do. East ..	725	802	36	3	330	5	8	818	807
Do. South ..	171	27	26	1	..	..	7	35	35
Nellore	5,810	1,095	12,135	758	..	1	70	1,924	1,938
Chingleput	974	58	174	6	..	..	1	65	65
North Arcot ..	516	889	2,567	168	2,925	38	27	1,122	1,122
South do. ..	1,380	181	1,637	94	114	1	48	324	324
Salem, North ..	105	114	162	8	3,872	23	..	145	145
Do. South ..	289	102	1,414	69	8,082	24	39	234	234
Trichinopoly ..	261	52	116	5	4	1	29	87	(c) 84
Tanjore	275	28	69	2	..	..	1	31	30
Total ..	10,660	3,470	18,936	1,149	15,777	103	236	4,958	4,978
Southern Circle.									
South Canara ..	13,245	1,697	3,814	154	51	2	88	1,941	1,946
Malabar, North ..	13,374	(e) 127	..	..	..	..	1	128	(d) 55
Do. South ..	224	48	24	1	498	30	..	79	79
The Nilgiris ..	461	57	62	3	1,208	38	5	103	(f) 113
Coimbatore, North ..	1,123	363	297	26	318	37	7	433	433
Do. South ..	1,500	298	1,134	43	1,157	6	18	365	(g) 248
Madura	847	164	693	57	27	1	66	288	28
Tinnevelly	72	27	7,445	1,291	..	..	67	1,385	1,385
Total ..	30,846	2,781	13,469	1,575	3,259	114	252	4,722	4,547
Grand Total ..	57,793	10,992	34,539	2,876	22,262	247	816	14,931	14,901

Add outstandings at close of 1905–1906 ..	950
Total ..	15,881
Deduct amount realized as per Form No. 59 ..	14,901
Balance outstanding on 30th June 1906 ..	980

N.B.—Column 10 includes arrear collections of revenue outstanding at the end of the previous year.

(a) Quantity not stated.
(b) The Collector's figure is Rs. 298. But the Accountant-General's figure in form No. 59 has been adopted.
(c) The Collector's figure is Rs. 87. The Accountant-General's figure in form No. 59 has been adopted.
(d) Includes Rs. 54–4–0 realized for the removal of time-expired timber.
(e) The confiscated timber has not all been sold yet.
(f) The Collector's figure is Rs. 103. The Accountant-General's figure has been adopted.
(g) The Collector's figures is Rs. 350. The Accountant-General's figure has been adopted.